

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

HAPPY 1989!...Here's to a great 1989 for WTFDA members and VHF/UHF DXers everywhere! This new year holds a lot of promise for improved DX conditions. It now appears that 1989 WILL be an incredible year for F2 skip DXing--even some skeptics are starting to believe it! F2 skip conditions parallel sunspot activity, and as this is being prepared, the Sunspot Number as announced by the National Bureau of Standards is around an incredible 250--highest in many years...and we've just gotten word that 48.25 MHz European video sync buzz has been detected in New England! TV DX reports are sure to follow!

STAY UP, TUNE IN...Do be sure to catch the ABC Talkradio Ray Briem Show DX Special in the early hours of January 7th (details appear in last month's issue). In what has become an annual event, Ray (a DX enthusiast himself) is host to an interesting panel of well-known guests from all over the DXing world. DXer Greg Hardison--a member of WTFDA and other DXing clubs--does a great service to the DXing hobby by giving it this nationwide media exposure. He sends word that "even though we are not featuring any 'speciality' VHF/UHF guests this time around...I still encourage as many members as possible to call in and talk about FM, TV, NWS and other fun features of the VHF/UHF world...it's the best way I've found to spread the word about the various clubs, and DXing in general..." There's a lot going on in the world these days, and with so many topics as fair game for network radio talkshows, Greg is to be commended. DXing is still a relatively obscure hobby--and don't forget--VHF/UHF enthusiasts are a minority interest within that hobby!

DUES INCREASE...Right about now the club Board of Directors should be deciding on a new dues structure. WTFDA's dues have not increased since 1981--this is the longest period that the club has gone without such a change. What's been proposed is an increase to \$17 per year after January 31--modest, compared to the increasing costs of other things lately! Doing so would allow the VUD to continue in its current format, which places practically no space limitations on DX and station date report columns. Starting with next month's issue, renewal notices sent out will reflect the new rates. There's still time--if you renew early, you'll beat any increase!

COLUMN NEWS...Danny Buntin relates that there's no SOUTHERN FM DX this month, due to a lack of reports...We still hope to publish the membership roster proposed a few months ago--as of deadline, it hasn't been received...Ron Stock wants members outside North America to contribute items to his INTERNATIONAL NEWS section--if this column doesn't get support, we'll drop it...comments anyone?

TABLE OF CONTENTS

TELEVISION NEWS: British Columbia gets low-power ETV on UHF.....	3
FCC FM NEWS: WSOU 89.5--a licensed pirate???.	6
PHOTO NEWS: '89 WTFDA Convention host Bill Kretschmer's DX set-up..	10
EASTERN TV DX: Some dandy Florida-to-Oklahoma UHF DX catches.....	14
WESTERN TV DX: Surprising E-skip in November.....	20
NORTHERN FM DX: Several report the November Es into the FM band....	22
NWS NEWS: Coastal tropics brings FL NWS to NC on November 15.....	29
TV-CCI AIDS: Lots of useful info on Florida TV DX targets.....	30
QSL CORNER/LOGOS RUN: Loads of logos.....	32

Thanks to Bruce Elving (and CFMX-FM) for another outstanding cover!

Television news

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ABBREVIATIONS USED IN THIS COLUMN:

AAT	Antenna height above average terrain
AG	Antenna height above ground
ASL	Antenna height above sea level
AZ	Azimuth (North=0°)
BT	Beam Tilt
CP	Construction permit
ERP	Effective Radiated Power
FCC	Federal Communications Commission (USA)
HOR	measured along a horizontal plane
MAX	In the direction or elevation of maximum signal strength
MP	Construction permit modification
TL	Transmitter or tower location
+	carrier frequency offset 10 kHz above standard
-	carrier frequency offset 10 kHz below standard
z	carrier frequency not offset

APPLICATIONS FOR NEW TELEVISION STATIONS

ST CH	ERP	HAAT	CITY/APPLICANT
NV 15	3000	1132	Las Vegas; Sainte Ltd.
TX 16	12.7	279	Eagle Pass; Juan Wheeler Jr.

CONSTRUCTION PERMITS GRANTED

ST CH	ERP	HAAT	CITY/APPLICANT
NE 15	5000	1077	Omaha; Mid-American Broadcasting Inc.
OR 28	391	911	Eugene; Oregon Commission on Public Broadcasting
SC 21	5000	1989	Florence; Megara Communications Corporation

APPLICATIONS DISMISSED

NE Omaha; ch. 15; Family Television Inc.; Koplar Communications Inc.; Omaha TV 15 Inc.
TX Eagle Pass; ch. 16; Melvin Jones.

CONSTRUCTION PERMIT CANCELLED

ST CH	CALLS	CITY
OK 30	KICN	Shawnee

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST CH	ERP	HAAT	CITY
CO 53	5000	627	KMHD Castle Rock (amended)
FL 21	3097	483	WFET Fort Pierce
TX 48	2570	945	KMHB McAllen

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST CH	ERP	HAAT	CITY
GA 49	1738	538	WTIH Bainbridge
OR 24	2710	1519	KTDZ-TV Portland
TN 28	230	869	WMTT Cookeville

TX 34	508	440	KCTF Waco
UT 4	37.6	2742	KCCZ Cedar City
WA 51	1022	2424	KBEH Bellevue

APPLICATIONS TO CHANGE EXISTING FACILITIES

ST CH	ERP	HAAT	CITY
FL 33	3500	5000	WHBR Pensacola (sp)
TN 66	250	528	WJBF Lebanon (cp)

CHANGES GRANTED STATIONS ON THE AIR

CA Los Angeles; KTLA, ch. 5; granted license to cover MP for changes which probably took place around September, 1988; see 7/88 VUD.
CA San Francisco; KWBB, ch. 38; granted CP to change ERP from 5000 kw max/3819 kw hor to 5000 kw max; 1418' AAT/700' AG/1534' ASL (34' higher ASL); TL to Mt. Sutro Tower; coordinates 37°45'20" / 122°27'05" (about 3 miles NW); doesn't look like any big change; no doubt still a beam tilt with still close to that 3819 figure in the horizontal plane.

GA Wrene; WCES-TV, ch. 20; granted license to cover CP for changes that took place around June, 1988; ERP raised from 457 kw max/331 kw hor to 5000 kw max; 1414' AAT/1365' AG/1801' ASL (reduction of about 100'); same TL.
LA Alexandria; KLAX-TV, ch. 31; granted MP to raise ERP from 1619.8 kw max to 1320 kw max; 1093' AAT/1027' AG/1253' ASL (883' higher ASL); TL 1.5 miles SW of Dry Prong; coordinates 31°35'4" / 92°33'0" (Az. 357° North) 17.58 miles from present TL.

MI Detroit; WDIV, ch. 4; granted license to raise ERP from 97.7 kw to 100 kw max; 1004' AAT/1020' AG/1706' ASL (48' lower); same TL. Don't expect any changes in this one.
NC Charlotte; WPQC (planning to change to WPJB-TV), ch. 36; granted license to cover CP for changes that probably took place in September, 1988; see 3/88 VUD. I'm open for comments on improved DX or reception on this one.

TN Cookeville; WCTE, ch. 22; granted license to cover CP for changes, which probably occurred last August; ERP raised from 661 kw max/427 kw hor to 1314 kw max; 1395' AAT/776' AG/2773' ASL (not much change in height); same TL.
ST CH CALLS CITY/APPLICANT

CALL LETTER APPLICATIONS: NEW STATIONS

ST CH CALLS CITY/APPLICANT
TN 8 WKXT-TV Knoxville; Knoxville Channel 8 Ltd.

CALL LETTER GRANTS: NEW STATIONS

ST CH CALLS CITY/APPLICANT
WV 29 WKRP-TV Charleston; P.S.A. Inc.

CALL LETTER GRANTS: EXISTING STATIONS

ST CH CALLS CITY/APPLICANT
NY 26 WTJA Jamestown; WNOD (new station)

NEW STATIONS ON THE AIR

KY Lexington; WLKT, ch. 62z, went on the air 10/15/1988; 2333 kw max ERP; 1067' AAT/1129' AG/2049' ASL; coordinates 38°03'29"/84°23'51"; BT HQR; independent; address: FBC Inc., 124 New Circle Road NE, Lexington KY 40505.

NY Jamestown; WNOQ (changed shortly thereafter to WTJA), ch. 26*, went on the air 9/24/1988; 708 kw max ERP; 597' AAT/427' AG/2057' ASL; TL 2 Orchard Road, Ellicott, Chautauqua County; coordinates 42°05'06"/79°17'23"; independent; address: Jamestown Television Associates, 401 W. Kirkpatrick Street, Syracuse NY 13250-0095.

OK Oklahoma City; KSBI, ch. 52z, went on the air 10/7/1988; 1355 kw max ERP; 601' AAT/520' AG/1824' ASL; TL in Oklahoma City (about 10 miles south of the other OKC television stations); coordinates 35°22'54"/97°29'20"; independent; address: Locke Supply Co., Box 26126, Oklahoma City OK 73126.

FORUM

It's been a light month this month for both mail and research. One thing has upset me: Going to college two consecutive days of the week and spending those nights away from home, I find myself returning home having to search for three days' worth of mail, sometimes unsuccessfully. Around the end of November, I just happened to come across some mail that had been stuffed in a bookshelf, postmarked October 31 and November 1. Included in that was a telephone bill and a letter from Dave Sinclair that could have made last month's column. The telephone almost got shut off.

Although I had been slack on occasions in going through all the mail when I do my column, last month's column and this month's have covered all the remaining mail that I am aware of. Hopefully nobody else's mail is hiding in a bookshelf or who-knows-where-else.

ROD O'CONNOR (Kodiak AK) sent some articles on the television crisis in Copper River Valley, Alaska. From an undated Anchorage Daily News: "Nick Zerbino has had it with the freeloaders, so he shut down the television station in the Copper River Valley. Zerbino is the president of the Wrangell Mountain TV Club, which rebroadcasts two Detroit television stations off a satellite to Paxson, Kenny Lake, Copper Center, Gakona, Glennallen, Tezline and other, less metropolitan, communities in the valley. It costs around \$15,000 to keep the station on the air each year. To raise the money, Zerbino for five weeks puts a message across the bottom of the screen — he can do that from his house — calling on everyone to send in \$50 each. But he got only \$2,800, so he switched off the station." "It worked last year and the year before that," Zerbino said. Last year television screens were blank for two-and-a-half months while viewers grudgingly paid, but the tactic didn't add to Zerbino's popularity in town. He is used to angry phone calls from people who want their TV back."

"The unusual arrangements for television in the Copper River Valley began in 1967, when a local engineer tried to pick up Fairbanks, club members

said. He began rebroadcasting the poor signal that came in — which was gray and snowy at best and was frequently wiped out by the northern lights. But when satellite technology became available, the club got a state grant and contributed its own money to set up a 10-watt television station on Willow Mountain, where it can be reached only by helicopter. A satellite dish picked up a Chicago station and sent it out to the valley in a clear, color picture. But then that signal was scrambled and its owners refused to sell it out to Copper Valley because they have no way of counting the number of viewers. Zerbino did some research and found a company that serves the Canadian Arctic could beam Detroit television to his area. The signal costs about \$1 per month for each of the 650 families who live in the area, [club vice president Larry] Bedford said."

The 11/2 Anchorage Daily News reported, "Detroit television is still on the air in the Copper River Valley, despite plans by the president of the Wrangell Mountain TV Club to turn off its station if \$15,000 was not raised by Tuesday. Club Vice President Larry Bedford said he is halfway to the goal, but he doesn't know how long the station will remain on the air. President Nick Zerbino was 'non-committal' when asked if he would leave it on, Bedford said. Zerbino refused to comment." Maybe he should try a PBS-style begathon and make them feel guilty for watching and not paying.

While out along the Pacific coast, let's go to DAVE SINCLAIR (Vancouver BC), who sent a copy of a letter from Open Learning Agency, which runs Knowledge Network. The letter is in reply to Dave's logging of Knowledge Network on channel 49: "The signal is originating from a twenty-watt transmitter on Mayne Island, that is owned by a local island television society. The transmitter was funded by the provincial government's PEETS program which is designed to provide educational television to areas without the population density necessary to sustain cablevision. At the present time, approximately seventy-two low-power relay transmitters have been installed at points throughout the province to permit rural areas to enjoy the Knowledge Network."

Dave adds further information: "The Knowledge Network is our provincial government operated educational television network; this started in January, 1981 and until now was available in greater Vancouver only from cable. I received this letter last week and subsequently telephoned the Knowledge Network and was advised that this transmitter is only 200 feet above sea level and is on the side of a mountain! The Knowledge Network started as an educational instructional operation but now has a variety of children's programs and series seen on PBS such as British programs and occasional science fiction movies over the last three years."

In other areas, the 10/18 Province reports that the CBC's 24-hour all-news cable network should be operating by spring, 1989.

MARK JAMES (Marquette MI) sent in an article from the Daily Mining Gazette from Houghton MI, about WHTA, channel 5 in Calumet MI, still under construction. (The station was granted a CP

several years ago, was cancelled around the middle of 1987, and later reinstated, and still not yet on the air. "WHTA-TV is moving. A short-lived tempest created by plans to build the television station across from the Quincy Shafthouse ended when protest from national, state and local park organizers prompted station owner and self-confessed history buff Lyle Evans into willing retreat. Evans said he's relocating the channel's transmitting tower to a site near South Range. He hasn't decided on a new location for studio facilities." "The station site previously changed from a spot near Houghton County Airport, but Evans said he's not discouraged by the latest setback." Let's see if this station ever gets on the air.

An article with comments from LESLIE PRICE (Wilmington NC). The article, from the 11/22/88 Wilmington Morning Star involves North Carolina television stations WJKA, ch. 26 in Wilmington, WNCT-TV, ch. 9 in Greenville, WCTI, ch. 12 in New Bern, WWAY, ch. 3 in Wilmington, and WITN-TV, ch. 7 in Washington.

"Three area television stations have filed protests with the [FCC] against the sale of WJKA-TV to Park Communications, which owns WNCT-TV in Greenville, WWAY-TV in Wilmington, WCTI-TV in New Bern and WITN-TV in Washington, N.C. have, in separate petitions, asked the FCC to deny the \$7.25 million sale because it would give an unfair advantage to their Greenville competitor. If the sale to Park Communications goes through, WJKA would be operated as a 'satellite' of the Greenville station, carrying much of WNCT's programming with a maximum of 5 percent in local programs. WJKA, a CBS affiliate, would maintain its own logo and public service announcements. That would give WNCT access to two television markets at a much lower-than-usual cost because it would need to operate only one full-service station, its three competitors argue in their petitions. They also complain that Wilmington Telecasters, Inc., which owns WJKA, has not done enough to find a buyer who would operate the station as a full-service facility.

"Robinson Everett, part-owner of Wilmington Telecasters, said in an interview earlier this month that his company has 'not actively been marketing the station.' Instead, he said, it had received several offers. The sale to WNCT also would violate the FCC's 'duopoly' rule against one owner having two television stations with overlapping signals since the less powerful 'grade B' signals of both WNCT and WJKA can be

received by viewers in portions of Onslow, Duplin, Sampson, Pender and Bladen counties, the opposing stations argue. The overlap with WNCT would be even greater if WJKA were operated at full broadcast power, with a higher antenna at a more central location. The competing stations contend that the CBS affiliate's signal purposefully has been kept weak to avoid overlapping the signal from WFCT-TV in Fayetteville, which is owned by the investors who set up WJKA. Park told the FCC in its purchase request that it should be given a waiver from the overlapping rule, allowing it to operate WJKA as a satellite 'in the public interest.' Park argues that WJKA has been losing money since it started in 1984, that Wilmington Telecasters doesn't have enough money to upgrade the programming and that it hasn't had a serious offer to buy WJKA as a full-service station."

Leslie adds, "During the time of WJKA-TV heavy debt, they stayed on 24 hours a day running 'Green Acres,' 'Andy Griffity Show,' and other reruns along with wrestling with no commercials that I saw. Ch. 39 (PBS affiliate WUN-TV in Wilmington - wbf) is about to move up to 1,800 ft. on the ch. 3 tower reaching far inland. Ch. 26 WJKA reaches up & down the coast on the same tower. Also, what has happened to ch. 8? Are they still going to broadcast up & down the coast at 2,000 ft in Carteret Co?" As far as I know; I have no record of changes yet, and their permit is still active.

Lastly, a few pieces of information from WALTER PATTON (Willowdale Ont.):

CHANGES GRANTED:

ON Owen Sound: CIII-TV-4, ch. 4; to raise ERP from 18.4 kw to 20.6 kw.

PQ Jonquiere: CFRS, ch. 4; change 24.55 kw ERP to 27.6 kw (as-built).

SK Stranraer: CFQC-TV-1, ch. 3; raise ERP from 6.8 kw to 100. This one should keep some of those E-skip clouds busy!

NEW CALL LETTERS:

PQ Thetford Mines: CBMT-5, ch. 32; 1.14 kw ERP.
PQ Trois Rivieres: CBMT-4 (CBMT-1); 11.6 kw ERP.

APPLICATIONS FOR NEW STATIONS:

(all to repeat CIHF-TV, ch. 8, Halifax)

NS Bridgewater: ch. 9; 6.67 kw ERP.

NS Truro: ch. 18; 6.00 kw ERP.

NS Wolfville: ch. 20; 126.0 kw ERP.

(continued)

Logos Run (continued from page 35)



DSC

The Discovery
Channel



UNIVISION
Spanish International Network



DIMENSION
CABLE SERVICES



MOVIES & NEWS
AMERICAN
MOVIE CLASSICS



TSN
The Sports Network



MSG
NETWORK



CNN
Satellite
Services



TELECOLLEGE



EWTN

THE CATHOLIC CABLE NETWORK



FCC FM NEWS

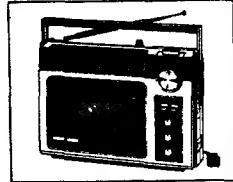
Readers' Reports—A VUD Exclusive!

Harold Sellers sent me a DX Ontario bulletin, which is well-printed and edited that it looks like a magazine, and it includes some FM DX, as edited by Morris Sorenson. Otherwise it's an all-band [sans TV] club, with subscription \$25 for U.S. readers. Write to ODXA Membership Secretary, PO Box 161, Station A, Willowdale ON M2N 5S8. The program guide of KZNA-KANZ in Western KS lists me as a supplier of the General Electric Superadio, which Jim Skinner, stations' chief engineer, recommends. "It is sensitive and selective on both AM and FM, and it has external antenna connections for FM. Sound quality is quite good for a portable monoradio. Check with your local radio dealer, but I warn you that particular radio is hard to find. They probably will have to special order it for you. There is a small company in Minnesota that stocks GE Superadios (model 7-2885) and sells them at a discount. FM Atlas Co., Box 24, Adolph MN 55701, \$53.50, including shipping." I have 24 of those radios coming in, and GE promised delivery in January. It is priced at \$86 plus \$4.50 shipping for a radio modified with FM-SCA (specify either 67 or 92 kHz), or \$106 plus \$4.50 shipping for a model with two SCAdapters, to get both 67 and 92 kHz SCS. I have a new radio and electronics catalog. Write for it; it's free.

Eric S. Bueneman sent St. Louis and Atlanta FM bandscan, with the comment that St. Louis Community College is "considering budget cuts that will force KCFV (*89.5 Ferguson MO) to go silent in mid-1989, leaving this already-underserved portion of St. Louis County with no radio service. A new group, formed by KCFV DJs Eric (E. B. Stevenson) Bueneman, Ralph (Buzz Carlson) Ulrich, Dennis O'Loughlin and Vernon Jackson, are seeking investors to buy KXEN AM and KLTH FM. KXOK 630 could be affected if such a deal takes place." Eric points out that KXEN AM 1010 is an "ailing gk [southern Gospel] station that has not shown up in the Arbitrations since 1984, while KLTH 97.1 is in a similar situation with its mj (new age-jazz) format. Any sale will affect KXOK 630 AM, which will have to be spun off to make room for KXEN."

From France I got a long letter describing the location of the writer's station in Le Havre city, opposite England on the coast, with ½-million people, and its coverage over water of 161 km and on land of 64 km. It broadcasts in stereo, and is apparently a "free" radio station, not owned by the government, but either approved or tolerated by the government. He appreciated the mention I put in the VUD and FMedia "Felicitations for your work—it's really nice and definitely great to know that FM stations are still alive from foreign countries. Hopefully, I look forward to hearing from or about other FM stations. I'm looking for promotional U.S. items and/or tapes" of how they sound. If anybody wants to share air-checks, etc. write P. Soubielle, 59 R. E. Meyer, 76620 le Havre FRANCE.

Tim McVey sent items from trips he took to the Southwest and north. He found translators out west get out farther than those in the east. He sent an article about CHFX 101.9 Halifax NS getting new studios. "I sat in a motel parking lot in beautiful Quebec City doing a bandscan, and found over 25% of the 35 signals on the FM dial had the same programming! One set of stations came in all parallel, at 88.1, 90.1, 91.3, 93.7, 96.7, 101.1. These are not images! Enjoyed bandscanning around Sydney/Glace Bay NS. Only 16 signals on whole FM dial to be found; only three locals. Actually, in many areas of Cape Breton we had to turn to AM radio for entertainment because FM was noisy or nonexistent. This turned out to be a blessing in disguise because the AMs had much more interesting programming; e.g., local news and highlands music! ... The great deal of traveling I've done in 1988 has put me in a unique position to comment on your *Atlas*. It is amazing how accurate it is. You have outdone yourself. I've used it extensively in 23 states and three provinces, and it is over 99% accurate in every area; almost all cases the FM dial matches the *Atlas* entries. In fact, I will subscribe to FMedia now just because of the good work on the *Atlas*. I wonder,



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though, if you might seek to hire a graphics person or even take on a volunteer to work on the maps. The maps have grown worse with each edition and now—as I know too well from experience—they are very difficult to use when traveling or DXing. As great as the technical content of the *Atlas* is, it's too bad the maps must be so horrible." You'll see his specific station news in next month's VUD.

He also sent comments from one of his column contributors: "Why does AM sound like AM besides [bad] sound quality? 1) News every half hour, 2) adult contemporary only; 3) missing dog reports; 4) boring DJs; 5) no jingles; 6) commercials every two or three songs. AM owners are afraid if they change they'll lose their audience. ... FM crowding, directional antennas, short spacing? No way! Is the FCC out of their minds? I live 19 km west of New York city, and it's impossible to get adjacent channels unless the tropo is real strong. I heard that the DC/MD area is almost impossible for any kind of DX. ... I've been listening to FM since 1969 and fondly remember NYC FM radio as it was. ... WOR-FM 98.7 was the No. 1 FM station if I remember correctly and they were top 40 circa 1970! What's No. 1 in 1988? Z-100, top 40! [This was WVNJ-AM 100.3, W-V En-Joy.] Also, WPIX-FM 101.9 was a true innovator, with jingles, top 40, disco, and even a Howard Stern-type program in 1979."

WSJY 107.3 Fort Atkinson WI contacted me with a photocopy of a 1983 (July 18) reception report from New Zealand. It came from Graham J. Barclay, PO Box 1437, Hastings NZ, who heard music at 6:27 p.m., several WSJY slogans, a beer commercial, news, a Chevrolet dealer ad, more slogans (but no call letters), with signal lost at 6:40 p.m. F2 skip? He reported using a "Simpson" receiver with a "dish" antenna. If you worked at WSJY would you verify this reception? Why or why not? One hint: It is impossible to tell from the postmark on the photocopy how soon after allegedly hearing the station the report was mailed.

It's not a "Simpson" receiver (which I thought was a brand of electronic meters and test instruments), but an Icom R-7000, which Ray Babcock uses. Thanks to its recorder output and a Capri CD-01 decoder, he's able to pull in FM-SCA signals. Most receivers are so well filtered at the output jacks you cannot hear SCA, but the Icom R-7000 must be an exception. "WCTC (AM) is on WMQ 98.3 New Brunswick's SCA. WSOU 89.5 South Orange NJ is still playing heavy metal, but now advertises that it's 'pirate radio'—why? They have a license! WSOU, by the way, is the only college station which uses SCA (EIES of New Jersey, reading for the blind at 67 kHz). Shock radio, 92.3 WXRK is supposedly cutting Howard Stern to four, instead of five, days a week, FCC pressure, or ratings?"

Gus Mancuso claims to have heard an extraterrestrial radio signal, with Jimmy Haskell's "Rock in Orbit" instrumental. That was preceded by the announcer saying, "From the moon, your main man, the moon on soul radio," 1460 Washington DC. Apparently AM is going on such hard times that its stations have had to re-locate on the moon! There was a recent article saying research is being done to the effects of radio signals on the human body—microwave radiation, etc. If found to be harmful, standards could be set, perhaps lowering power of stations 90% or more! If AM found to be harmful, lower power would kill it. FM and TV could use taller towers and/or cable to compensate," so Gus says. The latest I saw is the FCC and/or EPA have virtually quit testing to find any harmful radiation levels in broadcasting on the human body—Reaganomics at work!

Joe Fela says WFRS "88.9 Smithtown NY on air, even IDing with WFME *94.7 Newark; heard during one of WSIA Staten Island's silent periods. 'W244AS 96.7 Oakhurst NJ is on the air, relaying WHTZ 100.3. There's been a little Es in November. Three minor openings on TV including one which got into the FM band and produced" two south FL stations.

Topeka's "Joy 88," KJTY, might move to 88.1 and raise power. This thanks to KSDB Manhattan's moving from 88.1 to 91.9. Also, KLJC 88.5 Kansas City wants more power. Move of KJTY would largely eliminate interference to reception that results in the east from KLJC. Not known if KLJC would finally embrace stereo after it increases power. Paul Swearingen, who sent the item, apparently has moved back to KS from CA.

Walter Patton said the CBC was refused permission to close the studio at CFPR AM Prince Rupert BC, and he noted that there are four local networks of FM repeaters in that province. Originating stations, besides CFPR, are CBTK 88.9 Kelowna, CBYG 91.5 Prince George, as well as CBU AM Vancouver.

FCC—FM

Is WJSR Really a Birmingham Station?

January, 1989

Rochester NY FM Station History

by Scott Fyibus

Freq.	1949	1955	1961	1966	1974	1982	1988
42.8 WBXAD (1940)			WRUR	WRUR	WRUR	WRUR	WMHN ⁴
43.2 WBXB (1940)							WITR ³
							WGMC ²
							WRHR ³
							WBER ³
*88.5	—	—	—	—	—	WIRQ	WIRQ
*89.3	—	—	—	—	—	WXXI-FM	WXXI-FM
*89.7	—	—	—	—	—	WBBF-FM	WBBF
*90.1	—	—	—	—	—	WWZB/MWJQ	WWBEE-FM
*90.5	—	—	—	—	—	WIRQ	WIRQ
*90.9	—	—	—	—	—	WXXI-FM	WXXI-FM
*91.5	—	—	—	—	—	WBBF-FM	WBBF
92.5	—	—	—	—	—	WWZB	WWZB
*93.3	—	—	—	—	—	WIRQ	WIRQ
95.1 WVBT	WRRE	WRRE	WMIV	WMIV	WYLF	WZSH ¹	
96.5 WHEC-FM	WCFM	WCFM	WCFM	WCFM	WCFM	WCFM	
97.9 WRNY-FM	WRNY-FM	WROC-FM	WPXY	WPXY	WPXY	WPXY	
98.9 WHFM	WHFM	WHFM	WHRM	WHRM	WHRM	WHRM	
100.5	—	WRVM-FM	WVOR	WVOR	WVOR	WVOR	
101.3	—	WBBF-FM	WNYR-FM	WEZO	WEZO	WRMM	
103.9	—	—	—	WDKX	WDKX	WDKX	

Notes on above: WVBT-WRRE South Bristol Township (Bristol Center NY) was one of several stations in the Rural Radio Network, which for a while rebroadcast WQXR-FM 98.3 New York, using FM inter-city relay, and included WNFN 107.7 Wethersfield, WVCN 105.1 DeRueter, WVFV 96.1 Ithaca, WVCV 101.9 Cherry Valley and WVBV 7.7 Turin Village NY. Later, WHCU-FM 97.3 Ithaca replaced WVFV as an affiliate, and still later WEIV 103.7 Ithaca was built. After a period of monophonic middle-of-the-road music with new call letters, the stations became the Christian Broadcasting Network and embraced stereo. Later they ceased to exist as a group and were sold individually to different owners.

WBBF-FM 101.3 was forced to move to 92.5 in 1984 by WVOR 100.5. WVOR's studio and transmitter were located in Midtown Plaza, downtown Rochester. WBBF-FM's studio was also there, but its transmitter was—like most commercial stations in Rochester—in a rural area several kilometers away. When WVOR was on the air, WBBF-FM was unable to receive its own signal at the studio. The later WNYR-FM/WEZO/WRMM is unrelated to the original WBBF-FM.

WIRD and WRHR were 10-watt stations. WIRD moved from 90.9 to 93.3 and remained with a ten-watt transmitter, while WRHR increased power to 2500 watts. WGMC *90.1 Greece had been 10 watts until 1980, when it was given 2000 watts.

Footnote references to cities: 1) Bristol Center, 2) Greece, 3) Henrietta, 4) Webster

New FM Station, Translator Grants Selected Translators—more are in FMedia!

AR Malvern 93.3 3000 h.v.; 35 m, M, CBAstg.	CD Cambridge 94.3 3000 h.v.; 98 m, CWA Bstg.
CA Buellton-Solvang KYTD-1 99.9 300-watt booster of Santa Barbara station	This grant will hasten WICO/Salisbury's move from 94.3 to 97.5 [R. L. Ruff]
GA Albany *91.7 3000 h.v.; 100 m, to be \$, c.	MD Mountain Lake Park 98.9 490 h.v.; 202 m,/ MA Harwich *90.3 180 h.v.; 640 v, 38 m, Cape Cod Regional Technical High School [Mankato]
GA Clayton 104.1 480 h.v.; 249 m, Richard/	MN Mankato K269EC 101.7 [KEEZ 99.1/
GA Lyons 92.5 3000 h.v.; 100 m	MN Rochester KZSE *90.7 1380 h.v.; 259 m, MN Public Radio, revival of cancelled c-p
HI Aiae (Honolulu) 107.9 100000 h.v.; 551 m, C. R. Crawford [Logan UT]	MN Two Harbors 104.3 3000 h.v.; 100 m
ID Soda Springs K213BB *90.5 [KUSU 91.5/	MT Great Falls 100.3 100000 h.v.; 319 m, Con-/ temporary Communications [Carson City]
IL Ramsey 105.3 3000 h.v.; 100 m, Henry J. Voss	NV Battle Mountain K209AT *89.7 [KNIB 91.3/
IN Attica 95.7 900 h.v., 35 m, A. Community R.	NJ Villas 88.7 3000 h.v.; 89 m, Great Scott Bstg.
Bruce Quinn: "I finally got a c-p in my own name; the station in Monticello IN is in my brother-in-law's name. Together, the stations will flank Lafayette. I was a notorious pirate, known to the FCC as 'Jolly Roger Radio' in Bloomington and they still gave me the c-p."	NY Silver City KSCQ 94.5 170 h.v.; 314 m, NY Castorland W240AP *95.9 [WMHR 102.9 Syracuse; 14 km E. Copenhagen, but a separate translator from that 95.9 outlet]
IN Roanoke 105.1 3000 h.v.; 100 m, [E. Henry	NY Schron Lake W214AG *90.7 [WYFG 91.1 Gaffney SC—first grant satellite in lower 48 states of an FM translator]
KS Medicine Lodge 95.9 3000 h.v.; 100 m, Randy/	NC Elizabethtown 105.7 2150 h.v.; 118 m
KS Udall ("Wichita") *90.7 2 nd h.v.; 105 m, g, New Life Fellowship, FCC lists as Wichita, but will not give even a 1 mw/m contour service to Wichita; has to be removed from Wichita because of KSOF *91.1 there. Must be WJSR *91.1, licensed Birmingham, but which does not serve that AL city.	NC Southern Pine W210AC *89.9 [WHPF 95.5 High Point; this translator now makes the former High Point Enterprise-owned station itself noncommercial] [New Age Bstg.]
TN Knoxville W252AO 98.3, Dwight R./	OH Crooksville WRIJ 107.3 3000 h.v.; 100 m, OH Gibsonburg 95.7 3000 h.v.; 100 m, The Carrs OH Nelsonville 107.7 3000 h.v.; 100 m
TN Selmer 93.9 3000 h.v.; 100 m, WDTM, Inc.	PA Patton WKBE 94.7 1050 h.v.; 168 m
TX Sherman 104.1 3000 h.v.; 100 m, KTXO, Inc.	SD Salem 100.5 50000 h.v.; 150 m [Magnuson, primary unknown]
TX Rupert (NW Manchester, near NY border)	TN Knoxville W252AO 98.3, Dwight R./
WROL 104.1 1600 h.v.; 76 m, Radio Rachael	TN Selmer 93.9 3000 h.v.; 100 m, WDTM, Inc.
WI Tomah 94.5 2500 h.v.; 110 m	TX Sherman 104.1 3000 h.v.; 100 m, KTXO, Inc.
BC Crawford Bay CKKC-101.3 140 h.v.; to relay	WV Rupert (NW Manchester, near NY border)
CKKC AM Nelson	BC Princeton *93.1 CBRP 30 h.v.; replacing CBC AM with those calls "within one year"

Now, Let's All Spell Kangiqsualujjuaq!

BC Radium Hot Springs (15 km NW Invermere) CBKV "94.5, 80 h, v; replaces CBC AM with those calls within a year
 BC Victoria (new "92.1, in addition to having to relocate from Salt Spring Island so as to reduce overlap with CBU-FM *105.7 Vancouver, is said to have found a new frequency NF Port-aux-Basques (SW tip, near Red Rocks) CBNE *91.9, 1200 h, v. AM to be shut down NS Shelburne CBAP *100.3 1250 h, v; to replace AM, "and perhaps CBHD Lockport and CAB and Sable River" [Marathon 93.1 ON Dubreuilville CFNO -93.9, 500 h, to relay/ON Elliot Lake CBON-5 *101.7 1000 h, French, replacing AM with those calls "and perhaps CBON-6 Blind River" [replacing AM ON Espanola CBON-7 *94.9 870 h, v, French, /ON Wave CFNO -101.5 h, v (93.1 Marathon)
 PO Fermont 92.1 25 h, CKAC Montreal relayer PO Kangiqsualujjuaq (formerly Port-Nouveau and before that George River, 380 km NW Nain LB) 89.9 1 h, e, English and Inuktitut *102.1 10 h, CBC Northern Service
 PO Lac Megantic new 410 h, but must find a frequency other than the 101.7 it applied for. To rebroadcast new Thetford Mines station, also just granted, at 8300 h, v, which applied for 94.7, but must also find a new frequency PO Timiskaming (170 km S Rouyn-Noranda) CKVT 92.1 10 h. Replaces AM by those calls, which deletes; relays CKVR AM Ville Marie

Call Letters Assigned

AK Clover Passage 107.1 K296CA (from K296-AW) [AM has new calls]
 AR Pine Bluff 94.9 KZLR-FM* (KZLR-FM;/ Barrogo Springs 94.3 K232CC (not K232DC)
 CA Central Valley 99.3 KCIB (KRPG)
 CA Chester 98.9 KCMC (KCFM)
 CA Laguna Hills KOCM-1 103.1 (K276BH, changing from a translator to a 10-watt booster)
 CA Los Angeles 92.3 KFAC-FM* (AM 1330 becomes KWKK, with Asian KAZN taking over KWKK's former 1300 spot) [CA] 105.1 KKGK-FM (KGK) AM is in Hesperia/
 CA Mount Bullion 99.9 KCV (KAJB)
 CA Santa Cruz *89.9 KFER (KWIS)
 FL Leesburg 106.7 WWHY (WCAT), "YY-106"
 FL Live Oak 98.1 WQHL-FM (WQHL)
 GA Elberton 92.1 WWRK-FM (WWRK)
 GA Valdosta 95.7 WQPW (WLGA)
 IL Oak Park 102.7 WVAZ (WVHD), "WV-103," sr. "Equal mixture of current hits by black artists, recurrents and dusties (or oldies) along with a slight touch of jazz."

IL Quincy 103.9 WZLZ
 IN Mitchell 102.5 WOTS
 IN Monticello 107.7 WMR
 IA Jefferson 99.5 KLSN
 KS Goodland 102.5 KKC1 (KBOC)
 LA Jena 99.3 KJNA-FM (KJNA)
 ME Kittery 105.3 WYCD
 MD Braddock Heights 103.9 WYZO-FM* ("WYZO-FM; AM has new calls)
 MA Fairhaven 107.1 WBMS-FM (AM is in New Bedford)
 MI Bay City *89.1 WBYF
 MI Cadillac 96.7 WWLZ (WEVZ), "WLZ-FM," r
 MI Glen Arbor 98.1 WMLB
 MN Cloquet *100.9 WNSD-FM* (WKLK-FM; drops stereo, now t & news, NM Public Radio's News Source, goes noncommercial.
 MN Faribault 95.9 KDCL (KOFN)
 MN Thief River Falls 102.7 KMGK
 MO Kirksville 107.5 KVCV
 MO Lamar 99.3 KHST
 MO Lexington 107.3 KCFM (KCAC)
 MO Richmond 92.5 KAYX
 MO St. Louis 103.3 KLOU (KHTR), "Clue-103," still r (oldies)
 NE Crete 104.1 KKNB (KBVB) — off the air

NE South Sioux City 107.1 KIKD-FM"
 NH Pahrump 105.7 KUDA (KLKV)
 NJ Newark 101.3 WYKR-FM (AM is in Wells River VT)
 NM Carlsbad 104.1 KCDY
 NM Farmington 95.7 KPCL
 NM Rio Rancho 101.7 KZIA-FM" (KZIA-FM; AM in Albuquerque gets new calls; rumor KZIA may change to a music format and has been noted with stereo indication, but no separation, even on the rare music periods or commercials).
 NY Amsterdam 97.7 WKOL-FM (WMVQ), r (oldies), "Cool 97.7"
 NY Schenectady 99.5 WGWF-FM (WGFM)
 NY Whitehall 91.1 WNWF
 NC Murphy 104.3 WNCN
 OH Loudonville 107.7 WLMA
 OH North Baltimore 107.7 WIZD
 OK Cordell 99.3 KRMK (KBOG)
 OK Taft 100.3 KTCP
 TX Bridgeport *90.5 KBIT
 TX Clarksville 98.5 KCBZ
 TX La Grange 104.9 KBUK (KMUZ)
 TX Weatherford *89.5 KYQX (KADE)
 TX Whitehouse 107.3 KJSK (KEYP-FM)
 UT Ogden 97.9 KGGK (KZAN)
 VT Danville 95.7 WSNO
 VT Lyndon 98.3 WGM
 VA Cape Charles 96.1 WKSV (WIAV)
 VA Coeburn 99.7 WZQK
 VA Rocky Mount 99.9 WZBB

Facilities Changes Granted

AL Chickasaw WD LT 98.3 100 m (3000 h, v). AL Dothan WVOB *91.3 100 h, v; 44 m AL Mobile WKSJ 94.8 488 m (100000 h, v)
 AZ Central Heights (from Little Acres) K292CI 106.3 has KQSS 99.3 Miami on it, not KRM
 104.3 Payson [BA *90.1]
 AZ Flagstaff K2018A *88.1 (from K211-1)
 AZ Punkin Center K240BD 95.9 has KQSS 98.3 Miami, not KMGN 93.9 Flagstaff
 CA Anaheim KEZY-FM 95.9 100 m (240 h, v)
 CA San Luis Obispo KCBX *90.1 451 m (4900 h, v)
 FL Hialeah WCMQ-FM 92.3 31000 h, v; 182 m
 GA Bainbridge WGIG 100.7 36000 h, v; 446 m
 HI Honolulu KIWA-FM 100.3 50200 h, v; 157 m
 ID Lewiston KOZE-FM 96.5 98500 h, v; 300 m
 IL Macomb WIUM *91.3 50000 h, v, directional (d-43 m) [m (4000 h, v)
 PQ Chicoutimi CFIX 96.9 44000 h, v; sharing tower with CJB 94.5
 PQ Longueuil CIEL 92.5 54100; transmitter to Mt. Royal, Montreal
 SO Benjamin Hill XHMH-L is on 88.1
 SO Guaymas XHQQA 103.9 (not 88.1)

See also Dec. VUD For

MI Atlanta WAIR 92.5 m format and "92.5 W-Air" nonID; also known to have Stereo, Congilio, p. 36
 MI Marquette W288AH 105.5 off the air, James, p. 36
 VA Spotsylvania WYND-FM 99.3 "The Wind" nonID, Sprachman, p. 45, but need to know if it has Stereo
 ON St. Thomas CHLO looking for an FM frequency to replace 1570 AM, Gravelle, p. 29

Stereo—or to be \$tereo

AK Anchorage KLEF 98.1 c
 IL Galva WZUU 102.5, to be r.
 OH Lancaster WFCO *90.9
 VA Mount Jackson WSIG
 Format Changes
 Formats are the same as in the "FM Atlas"
 AL Cullman WKUL 92.1 k, "K-92"
 AK Kodiak KMXT *100.1 fc
 CA Oakhurst KAAT 107.1 mj, "PMN Breeze"
 CA Pebble Beach KSPD *91.9 r, back after fire
 CA Santa Rosa KFXF 101.7 r, "The Fox"
 CO Castle Rock KADX 92.1 p, "SMN Z-Rock," not known if station will resume stereo
 GA Atlanta WSB-FM 98.5 rm, still "98.5 FM"
 WAPW 99.7 back to r (from st), still "Power-99"
 HI Honolulu K10V 105.1 m, "soft AC"
 IN Corydon WJDW-FM 96.5 bj for now, but "still trying to decide their format!"
 IA Brooklyn KSKB 99.3 g, not known if stereo broadcasts "24 hours a day from our own town located in Bronx."
 NY New York WFUV *90.7 50000 h, v; 66 m. Now CPB-qualified, adding morning talk show, moving classical to afternoons and rock after midnight; color it fc. "We are growing in many new directions (though the top of the World Trade Center is not one of them!)" Correct FMedial! Now, p. 3, col. 3; parameters given there are for WKCR *89.9, WFUV broadcasts "24 hours a day from our own town located in Bronx."
 NC Washington WBRE 98.3 1350 h, v; 149 m
 OH Cincinnati WAKW *93.3 50000 h, 49000 v

January, 1989

FCC—FM

d-a; 150 m
 OH Van Wert WKSD 98.9 150 m (50000 h, v)
 PA Philipsburg WPHB-FM 105.9 3000 h, v; 66 m
 PA University Park WQWK 97.1 (from 96.7)
 3000 h, v; 123 m [h, v; 135 m
 SC Bluffton WLOW 106.9 (from 107.1) 50000/
 TX Amarillo KACV *89.9 100000 h, v; 318 m
 TX Merkel KFOX-FM 102.7 279 m (100000 h, v)
 TX Palestine KYYK 98.3 50000 h, v; 150 m, C2
 TX San Antonio KAJA 97.3 100000 h, v; 300 m
 TX South Padre Island (new) 95.3 2500 h, v (100 m)
 VT Woodstock WMXR 93.9 670 h, v; 208 m
 VA Ferrum WFCC *89.9 (from 88.1) [m
 VA Martinsville WMVA-FM 96.3 13800 h, v; 633/
 VA South Hill WSHV 105.5 3000 h, v; 100 m, adds vertical
 WA Longview K280BN 103.9 (replacing K232-AW 94.3), "now relaying KCMS 105.3 Edmonds" (from KPDQ-FM 97.7 Portland OR)
 WI Janesville WJVL 99.9 11000 h, v; 153 m
 WY Gillette KOLL-FM 96.9 139 m (100000 h, v)
 BC Vancouver CTR 101.9 390 h (103 m, d-a; from 19 w) [h, v (51 m)
 BC Victoria CFUV *101.9 (from 105.1) 880/
 NB Dalhousie-Campbellton (new) 100.7 (from 102.7), 14000 h, v
 ON Barrie CFJB 95.7 107 m (50000 h, v); "Rock 95 FM" comes in "better here than 93.1 CHAY at 100 km west of the time"
 ON Orillia CBCO *91.5 (from 105.9); power reduced to 1080 h, v; transmitter to Hillsdale, affecting CBCM (see "Deletions" below). Town misspelled FM Atas-11, p. 125.
 ON Owen Sound CFOS-FM 106.5 (not 96.5), to be co-sited with CBC 98.7
 PQ Chicoutimi CFIX 96.9 44000 h, v; sharing tower with CJB 94.5
 PQ Longueuil CIEL 92.5 54100; transmitter to Mt. Royal, Montreal
 SO Benjamin Hill XHMH-L is on 88.1
 SO Guaymas XHQQA 103.9 (not 88.1)

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 TX La Grange 104.9 KBUK (KMUZ)
 TX Weatherford *89.5 KYQX (KADE)
 TX Whitehouse 107.3 KJSK (KEYP-FM)
 UT Ogden 97.9 KGGK (KZAN)
 VT Danville 95.7 WSNO
 VT Lyndon 98.3 WGM
 VA Cape Charles 96.1 WKSV (WIAV)
 VA Coeburn 99.7 WZQK
 VA Rocky Mount 99.9 WZBB

NY Albany WOAP-FM 103.9 r, "Music-104"

MO Cape Girardeau KEZS 102.9 k (from b)

MO St. Louis KDHX *88.1 f

NE Norfolk KEXL 106.7 r

NM Albuquerque KANW 89.1 p, daytime talk KUNM 101.1 j, with student free-form returning weekdays 1-4 p, m. Station said to be moving eventually to 89.9, permitting KSFN "90.7 Santa Fe to begin broadcasting. Earlier report that KSFN is on the air was incorrect; reporter heard K219N "90.3 España."

NY Big Flats WNBR 87.7 to be b, stereo?

NY Corning WCBM-FM 98.7 mr, "Transit 41," not known if stereo

NY Rotterdam WNYJ 98.3 r, "Transit oldies"

NY Stillwater WSSV 101.3 rm, adult contemporary, on air; stereo?

NY Wethersfield WBWM 107.7 mj, "SMN Wave"

NC Williamson WHTC 103.7 sr, "dance/CHR"

OH Dayton WNSN 102.3 FM, 67, "non-Muzak," and "Q-102 FM" nonID (from "Q-2-FM")

NY Binghamton WAAL 99.1 no SCA, had music 67, but "we're hoping to add an SCA"

NY Endicott WMRV 105.7 1 m, 67

ON Little Current CBC 97.5 1 b, 67 kHz assumed, to relay CBC-French network to the new CBW 95.1 *107.1 Elliott Lake ON

ON Oshawa CKOT 94.9 no SCA, had music, 67

ON Toronto CIUT 106.7 rm, ID with Fort Worth

TX Harker Heights KIXS 105.5 r

TX Paris KOYN 93.9 k, \$, "Koy-94"

TX Premont KMOF 104.9 to be g

TX Tyler KDR 92.1 s, "Z-92.1"

WA Tacoma KBCG 97.3 rm, oldies "as far back as

1955 and up through the mid-'70s. We play

the Beatles. We're not afraid to play Andy Williams..."

WV Lewisburg WKJC 105.5 k, \$, returning to the air ["PMN Breeze"]

VI Charlotte Amalie WTBW 102.1 mj,/

On Air (Selected)

CA Cambria KOTR 94.9, formerly 94.3, "Claims 25000 watts, but still poor here—must have a d-a because of KUKN 94.9."
 CA Chico KHPA *89.1, \$, Family Stations.
 CA Fort Bragg KSYT 97.7 with "soft hits" and no hint of stereo
 CA Quincy KQNC 101.9, "after an apparently prolonged absence," was KANX.

FL Safety Harbor WXR 92.5, having moved from 92.1, now with 50 kW, transmitter Seminole FL, from compact discs

NH Milford (Manchester) W208AG *89.5

VA Richmond WCVE-FM temporarily *101.1

To go to 88.9 "in about a year's time. I was surprised when the Richmond station came on that frequency, as it blocks out DC-101 in our area, some 105 km SE of Washington."

Off Air or Not Yet On

AK Anchorage KYGL 98.9
 CA Greenfield KSUR 99.5
 CA King City KRKC-FM 102.1
 CA Philo KZYX *90.7, "hoping to be on by 1-89, but is bogged down by bad weather and bureaucratic red tape"
 CA San Martin K2016E *88.1, "It may never be built, as K207AR Santa Cruz is solid there."
 FL Miami WDNA *89.9 for over a month, claiming transmitter difficulties; expected to be back on by now. "I wouldn't be surprised if someone tries to grab that frequency."

IN Corydon WJDW-FM 96.5 bj for now, but "still trying to decide their format!"

IA Brooklyn KSKB 99.3 g, not known if stereo

IA Dubuque KATF 92.9 r

IA Emmetttsburg KEWB 98.3 km

IA Pella KTAG 92.1 gb, still mono

IA Spencer KJUG 104.9 r

KXIX.

106.5 Not a "Legal Eagle"?

NY stations off during the summer, presumed back on: WBXL *90.5 Baldwinsville, WHCL *88.7 Clinton, WRCU *90.1 Hamilton, WSCS *89.5 Sudos

Deletions

CA Morgan Hill K257BL 99.3 (replaced by booster)

OR Union K240AN 95.9, an unbuilt c-p

WA Kennewick K204AA "88.7" due to excellent signal from KGTS with change in power"

K265RB 100.9: "The Walla Walla 100.9 (KHSS) is good in Kennewick." KHSS in Stereo?"

WA Yakima K285CJ 104.9 "application dismissed for c-p to replace expired permit"

ON Panetanguishue CBCM *107.5, "to delete within three months."

SC Services, 67, 92 kHz

CO Gunnison KVLE 102.3 has two SCAs, at 67

and 92, with 1M (easy listening) and one with

classical [data], 92 kHz

GA Atlanta WVEE 103.3 t2 (high speed/

GA Rome WQUT 102.3 FM, 67, "non-Muzak," and "Q-102 FM" nonID (from "Q-2-FM")

NY Binghamton WAAL 99.1 no SCA, had music 67, but "we're hoping to add an SCA"

NY Endicott WMRV 105.7 1 m, 67

ON Little Current CBC 97.5 1 b, 67 kHz assumed, to relay CBC-French network to the new CBW 95.1 *107.1 Elliott Lake ON

ON Oshawa CKOT 94.9 no SCA, had music, 67

ON Toronto CIUT 106.7 100000, not 1 million watts, p. 162, FMA-11

TX Denison 104.9C2 for A, KMKT, site to be 21

km E to avoid spacing problems with KWNS

104.9A Winsboro TX and KZBX 104.9A McAlester OK

FCC Modifies FM Duopoly Rule

In a move to endear it to commercial broadcasters, the FCC has virtually done away with the rule forbidding co-owned stations in the same geographical area. New rule allows two stations to be owned by the same party if their 3.16 mV/m contours don't overlap. Former rule was for the primary, 1.0 mV/m contour.

"The new standard more accurately reflects stations' listenership." It also increased AM signal limits from 1 to 5 mV/m, so as to be closer in strength to FM's new limit. For example, two Class A stations need only be 26

km or 17 miles apart, while two Class B stations (50 kw at 150 m) need be 65 km or 404 miles apart.

They're Not Translators, But Low Power FM Is Taking Off

MHS Holdings Ltd. has proposed a new low-power FM travelers information service (FMTS) to enable motorists to receive information about businesses at or near major intersections. Proposal would also allow officials to insert weather and road hazard announcements. [Courtesy Benn Cobb's "Federal Communications TechNews." Subscribing information from PO Box 435, Falls Church VA 22046.]

It may not really be legal, but Philadelphia's Eagle 106.1, WEGX, has done it. A big sign on City Line Ave. at Conshohocken State Road proclaims "I'm a talking billboard — Tune to 106.5 FM right now! I'll tell you how to win \$5,000." Drivers have to tune fast to that spot to hear the 30-second spot before a block, or about 152 meters, later.

73, *Benes*

January, 1989

MO California KZMC-FM 94.3 with Tipton MO

AM Happenings Most Likely Caused by FM (see this in FMedia!)

Satellite Translator Abuse Applications (in FMedia!)

FM Rulemakings Proposed
 First date below is deadline for filing comments at FCC; second date is for replies. Stations affected, if any, are listed before the dates (selected only; more are in FMedia!)

CA Beaumont 101.7A, Dec. 27, Jan. 11

CA Big Bear Lake 94.1 TA for 101.7A, KTOT, Dec. 27, Jan. 11

CA Vacaville 95.3B1 for A, KUIC, Dec. 12, 27

IA Ossian 95.1A, Mega Media, Ltd., Dec. 16, Jan. 3.

3. FCC also noted that nobody filed for New Hampton 95.1A during its filing window, and that channel is still available

NE Blair 107.7A for 106.3A, KBWH (which

wants to change channels so that it can relocate its tower to the southeast and better serve Omaha; or West Point NE 107.3C1 for A, KWPN-FM, Dec. 12, 27.

NE Winnebago 105.7C2 for A, KSUX, Dec. 15, VA Woodstock 98.1B1 for 95.9A; WAZR proved to FCC that the allotment is feasible

FM Rulemakings Finalized (selected)

Dates are when FCC filing windows are open

AL Reform 101.7C2, WVRT

AR Augusta 97.7C2 for A, KABK

NM Texico 96.5C2, Dec. 23-Jan. 23

NY Bridgeport 99.5A, to be 3 km E to avoid a spacing problem to WOKW 99.9B Cortland NY, Dec. 13-Jan. 12

OK Broken Arrow 92.1C2 for A, KCMA, dismissing its previous request for 105.3C2

OK Okmulgee 94.1C2 for 94.3A, KOKL-FM

OK Stillwater 93.7C2 for 93.9C, KSPF-FM

TX Centerville 103.1A, Dec. 20-Jan. 19

TX Denison 104.9C2 for A, KMKT, site to be 21

km E to avoid spacing problems with KWNS

104.9A Winsboro TX and KZBX 104.9A McAlester OK

PHOTO NEWS

JANUARY 1989

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EDITED BY
David J. Nieman



It's a new year already and the
start of a new DX season. Our
first reporter is Greg Coniglio -
Williamsville, New York.

WLBT-3
Jackson, MS

978 mile E-skip
seen June 26, 1988



KATC-3
Lafayette, LA
1168 mile E-skip
seen June 26, 1988



WJW-8
Cleveland, OH
189 mile tropo
seen June 27, 1988

PHOTO NEWS

JANUARY 1989 PAGE 2

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EDITED BY
David J. Nieman

Greg's foto file continues with more skip and tropo catches from 1988....



KTBS-3
Shreveport, LA
1090 mile E-skip
seen June 28, 1988



WWNY-7
Carthage, NY
163 mile tropo
seen June 28, 1988
"note fake ID"



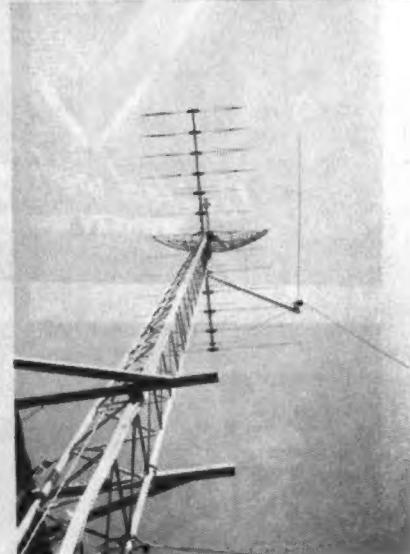
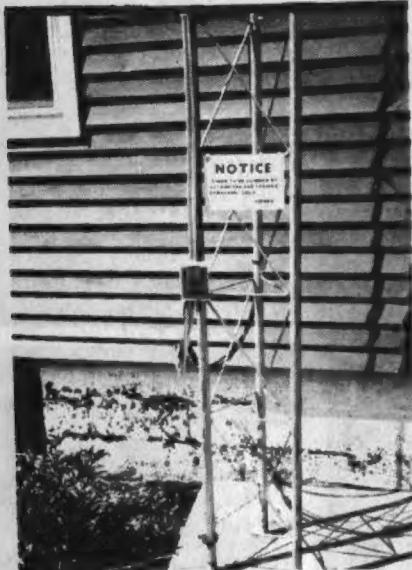
WFMJ-21
Youngstown, OH
163 mile tropo
seen July 18, 1988

PHOTO NEWS

JANUARY 1989 PAGE 5

Our next reporter is Bill Kretschmer - North Syracuse, New York; host of the 1989 WORLDWIDE TV-FM DX ASSOCIATION convention. Bill sent in some shack and equipment fotos that were taken in July 1988. Bill was in western New York December 10 and stopped to visit. He said he has added some new equipment to the following impressive list: starting off with a Sylvania model RKE-192 MIS stereo/SAP TV (that's WJHI-TV Rochester, New York on screen). Next is a Sony ST-J60 FM stereo tuner, a Tennelec 16 channel and a Sony AIR-8 scanners. Bill is using a Hv-Gain "tail-twister" rotor for his VHF/UHF antennas, and a Channel Master automatic rotor model 9510 for FM & VHF yagi.

Bill not only DXes in this fine looking shack; he broadcasts a 100 MW signal (legally) at 1610 kHz AM with KXAM calls.



Outside we go for a look at Bill's newly installed Rohn #25G 34 foot tower. Looking up the tower you can see Bill's Channel Master model 4251 7 foot UHF dish at 45 feet. A Channel Master 30db gain UHF amplifier is used with a Microwave Filter Company 13db (adjustable) UHF trap for local channel 24. For VHF he has a CM 3610B Crossfire at 35 foot. His scanners are fed by a Radio Shack VHF/AIR/UHF base antenna at 30 feet.

PHOTO NEWS

JANUARY 1989 PAGE 4

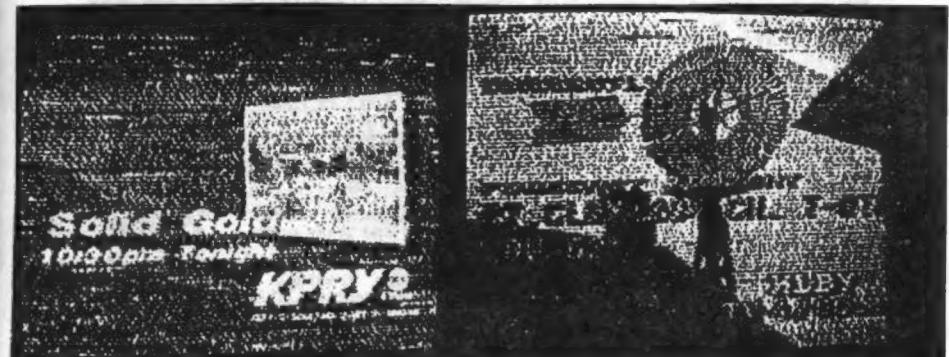
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be returned.
EDITED BY
David J. Nease

On the house Bill has his CM Stereo Probe 9 FM at 30 feet and a "homebrew" VHF yagi at 35 feet. On the chimney is a remote weather station at 29 feet. Half inch hardline leadin is used on the tower mounted TV antennas. Belden coax used on FM and VHF yagi.

Thanks for the great looking DX shack and antenna photos. I'm looking forward to seeing them in person. How if anyone out there has their shack and antenna fotos now's the time to send em in.



Joel Rosenberg - Thornhill, Ontario is our newest reporter. We start off his foto file with a couple skip catches from the summer of 88.



KPRY-4
Pierre, SD
1035 mile E-skip
seen June 25, 1988
at 2000 E Time

more from Joel in February

KLBV-4
Colby, KS
1150 mile E-skip
seen June 26, 1988
at 2330 E Time

DAVE

HAPPY
NEW
YEAR



EASTERN TV-DX

HAPPY
NEW
YEAR

EDITED BY: JOHN F. COMBS (N4SFS)

1308 WILLOW BRANCH #24, JACKSONVILLE FL 32205

PHONE: (904) 389-2451 PBS ADDRESS: WD4BIW

THIS MONTH:

- Howington Nabs Oklahoma UHF!
- Ye Editor Has a Dandy DXpedition!
- Surprise!! November E-skip!

REPORTS FROM TV-DXers IN AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, WV, Quebec, Ontario, the Maritimes, & the Caribbean

JANUARY 1989

Florida DXers experienced some incredible tropo conditions in November. Carlon Howington, who sends along his first report since I took over this column (thanks, Carlon!) reports excellent tropo conditions on November 1/2 (to LA, TX and OK) and on November 7 (to south TX and northern Mexico). In each case, distances approached and sometimes exceeded 1000 miles. Meanwhile, this editor had lots of DX to contend with on a camping trip to the Florida panhandle. But perhaps the most interesting DX of November 1988 consisted of some totally unexpected E-skip openings! A sign of a good winter season to come?

We start off with some of that good ol' Gulf tropo from Carlon Howington...

Carlon Howington, 2822 42nd Ave. N., St. Petersburg FL 33714

NOVEMBER 1988			NOVEMBER 1988			NOVEMBER 1988		
1 Tr 1900 WMAA-29	MS 550	1 Tr 2305 KLTL-18	LA 645	2 Tr 0600 KXLN-45	TX 785			
1900 KARD-14 LA weak		2305 KLPA-24	LA 605	0600 KDTX-58	TX 910			
2122 unID-52 TX?		2305 KLPA-25	LA 645	0600 KLRT-16	AR 750			
PSA for North Dallas High School		2339 unID-23 Spanish		0600 KMSS-33	LA 745			
2126 KDTX-58 TX 910		2 Tr 0008 unID-64 TBN		0600 WLBM-30	MS 470			
2133 KXTX-39 TX 910		0010 WAPT-16 MS 545		0550 WDBD-40	MS 545			
2140 WMAU-17 MS 540		0045 KETK-56 TX 805		over local NWSB				
2206 KAUT-43 OK 1015		0045 KNCT-46 TX 920		0621 WAAY-31 AL 525				
in/out for 2 hours		0100 unID-17 700 Club		0625 WAFF-48 AL 525				
2216 KDFI-27 TX 910		0108 KTWT-11 TX 910		7 Tr 2000 KMBH-60 TX 935				
2216 KTXA-21 TX 910		0108 KLMG-51 TX 790		2100 KVEU-23 TX 935				
2233 KGMC-43 OK 1015		0130 unID-19 Tempo		strong at times				
2233 KHSX-49 TX 910		0136 KJTL-18 TX 1040		2300 FM from Monterey				
2300 XXXV-25 TX 905		0144 WBRZ-2 LA 540		NL!! (91.7, 92.3, 102.9, 106.9) Abt 1095 miles!!				
2300 WFLA-33 LA 545		0153 unID-17 TBN						
2300 KXAN-36 TX 925		0200 To bed!!						
2300 KBVO-42 TX 925		0545 KITU-34 TX 695						
2300 KADN-15 LA 600		0545 KLAX-31 LA 645						
2300 KARD-14 LA 635		0545 KLTJ-57 TX 735						
(above 2 snow-free a/n)		0600 KDAF-33 TX 910						



(INCREDIBLE stuff, Carlon! Thanks for sending a report...hope there'll be more to come!--jfc)

Bill Kretschmer, 104 Kopp Avenue, North Syracuse NY

OCTOBER 1988			OCTOBER 1988			OCTOBER 1988		
2 Tr 0942 WLVI-56	MA 256	2 Tr 1014 WNEV-7 \$ MA 256	4 Tr 1404 WLVI-56 \$ MA 256					
0947 WSKB-38 \$ MA 256		1028 WNAC-64 (MA) 261	1430 WSBE-36 RI 255					
0959 WHSH-66 \$+ MA 241		1030 WSBE-36 RI 255	1432 WHSH-66 \$+MA 241					
1007 WHLL-27 MA 231		4 Tr 1400 WSKB-38 \$ MA 256	5 Tr 1700-2000 Boston U's					
1011 WGBX-44 \$ MA 255		1400 WGBX-44 \$ MA 255	38,44,56,66					

Not much tropo to report this month due to below normal weather conditions. Es active below 45 mHz with many pager and 2-way comms loggings. I'm waiting for the December Es...hope to catch something! On August 4-6, 1989, I'll be hosting the WFTDA convention and plan to make it the best yet with tours, food, flea market, tech talks, sticker trading, DX, etc. More on the convention in later issues. (Congrats on getting the convention, Bill. I'm sure you'll do a good job. Put in your order for DX now, hi!--jfc)

Bob Timmerman, 1210 Desoto Ct., Auburn IN 46706

SEPTEMBER 1988			NOVEMBER 1988			NOVEMBER 1988		
22 Tr 0205 WJHL-11	TN 375	11 Es 2300 WRAL-5 NC 527	12 Es 0029 WJXT-4	FL 790				
0212 WBIR-10	TN 374	2302 WWAY-3 NC 624	0031 WESH-2	FL 883				
0215 CII127-27	ON 258	2303 WFMY-2 NC 472						
0230 WLUR-11	WI 256	2307 WCBD-2 SC 652						
0300 WLYJ-46	WV 286	2347 WSB-2 GA 526						



1988 has been lousy for tropo at this QTH. Where is CII127? (Peterborough---jfc) The November skip was a surprise. ("Surprise" is too mild a word, Bob...I was shocked! You know, this is the second time I've seen you report Es with unusually short distances, on the order of 400-900 miles. Usually that's a sign of a very high MUF, but maybe there's something else that could account for it? A debate for propagation experts, hi. I wish I could get some short Es and fill in a lot of "gaps" on lo-band!--jfc)

EASTERN TV-DX

Matt Sittel, POB 21441, Raleigh NC 27607

JANUARY 1989

(919) 737-5477

OCTOBER 1988			NOVEMBER 1988			NOVEMBER 1988		
27 Tr 0701 WTAT-24	SC 200	4 Tr 0635 unID-61//WEFC-38	11 Es 2308 WISC-3 WI 767					
		(see notes)	2312 KIMT-3 IA 835					
1 Tr 2300 WTAT-24	SC 200	9 Tr 0117 WEJC-20 NC 68	2320 KGAN-2 IA 841					
2 Tr 0655 WTAT-24	SC 200	10 Tr 0658 WTAT-24 SC 200	2359 KMTV-3 NE 1012					
4 Tr 0540 WSET-13	VA 124	Es 0929 WESH-2 FL 491	12 Es 0002 unID-4 NBC					
0555 WSL-10	VA 132	0948 unID-4 NBC	13 Tr 2359 WTWZ-33 VA 142					
0556 WDBJ-7	VA 132	0959 KPRC-2 TX 1063	14 Tr 0714 WDCA-20 (MD) 241					
0631 WFTV-27	VA 132	0959 KIII-3 TX 1238	0631 WFTV-27					

Hi! DX here in Raleigh in a dorm is still proving to be interesting. I can only imagine what the DX would be like if the antennas were outside. But they're right up next to the window, so I'm making do. The window faces west, but it seems that south is the best direction. WTAT-24 is a popular visitor in the early mornings. The E-skip was a treat! Anybody want call if I'm seeing their locals by tropo? I'd be glad to, if you'll do the same! Anyone know of a 47 running religious shows? Or a 61? I saw a Turner logo on 47 then a religious program from Edenton NC. (I would guess 61 to be WLXI-61 Greensboro and the 47 to be W47AG Rocky Mount---jfc)

Greg Comiglio, 3100 Glenwood Drive, Williamsburg NY 14221



SEPTEMBER 1988			NOVEMBER 1988			NOVEMBER 1988		
27 Tr 0000 WSMH-66	MI 271	12 Es 0106 WBRZ-2 LA 1113	19 Es 1930 KDLO-3 SD 943					
0010 CBLN2-45	ON 148	(under local WGRZ)	25 Tr 0800 Detroit U's 236					
NOVEMBER 1988		0116 KATC-3 LA 1168	0805 CBLN3-64 ON					

EQUIPMENT: Emerson ECR137 TV, Jerrold 10-element VHF at 25' AG, 4-bay UHF at 28' AG w/CM 0071C 20db preamp, CM rotor.

While September was a great DX month, October was horrible! However, there were two surprise skip openings in November. I missed most of the 11/19 opening, but heard it was pretty good. W58AB Buffalo on w/pgm 11/23. Sked is 0900-2330, 7 days. Power is 2 kW; they are weak here at only 12 miles. 73s and Happy Holidays, Greg.

Jeff Wolf, 1131 University Blvd. W. #701, Silver Spring MD 20902

SEPTEMBER 1988			OCTOBER 1988			OCTOBER 1988		
27 Tr 1900 WPQC-36	NC 332	1 Tr 0136 WFYT-27	VA 226			15 Tr 0717 WLIG-55	NY 253	
1900 WJZY-46	NC 339	0700 WRLK-35	SC 409			0757 Raleigh 22,28 248		
1930 WYED-17	NC 248	0717 NC 17,28,40; OH 33T				almost local quality		
1937 XKII-12	NC 273	0730 WPCQ-36	NC 332			0930 WKFT-40 NC 265		
1937 WNR-45	NC 273	0735 WLFL-22 ? NC 1				Ditto...		
2202 WKFT-10	NC 265	0900 WJZY-46	NC 339			0930 WUNK-25 NC 244		
2337 WRDG-16	NC 251	1302 WFMY-2 ? NC 1				16 Tr 0555 NC 16,17,22,28,		
28 Tr 0015 WPTF-40	NC 248	1338 WPCQ-36 ? NC 1				40,47T		
0030 unID-42 PBS s/off		1828 WKFT-40 NC 265				0657 WRLK-35 ? SC T		
(Not WTIV?--jfc)		2 Tr 0730 NC 17,40				0657 WUNK-25 NC 244		
0129 WFYT-27	VA 226	3 Tr 0630 NC 17,40				0822 WYED-17 NC 248		
0147 WVT-30	CT 283	15 Tr 0603 WRDG-16 NC 251				0842 NC 28,45		
0147 WHTC-18	CT 283	0603 WYED-17 NC 248				0956 Charlotte 36,46		
0209 WTBY-54	NY T	0603 WPDE-15 SC 349				1044 WTIV-30 CT 283		
0730 W47AG	NC 218	0603 WGSE-43 ? SC T				2230 RI 36T, MA 68T		
30 Tr 0015 WKFT-40	NC 265	0707 WITN-7 ? NC T				2240 WSBK-38 MA 371		
1900 WNRW-45	NC 273	0707 WTVD-11 NC 246				2240 WLVI-56 ? MA T		
						2348 WGBB-40 NY 314		
						17 Tr 0033 WTBY-54 ? NY T		
						0100 WHTC-18 CT 287		
						0100 WHL-27 ? MA T		
						0137 unID-60 WGOT?		
						0201 WYED-17 NC 248		
						0555 NC 17,28		
						0610 WTIV-30 CT 283		

Totals now up to 311. The 9/28 Tr DX kept me awake! 73, Fred.

SEPTEMBER 1988			SEPTEMBER 1988			SEPTEMBER 1988		
28 Tr 0029 WDKY-56	KY 592	28 Tr 0103 WXT-27	KY 562			28 Tr 0157 WLK-32 (IN) 605		
0031 WSEJ-51	OH 386	0112 WCOM-68	OH 366			0215 WTE-28 OH 417		
0032 WCF-48	OH 517	0116 WBNX-55	OH 310			OCTOBER 1988		
0037 XYL-19	OH 517	0140 WBNX-47	PA 216	1 GW 1104 W14AE	NY 5	2 Tr 1104 CII127-27 ON 135		
0056 WPO-42	OH 469	0155 WDCA-20	(MD) 296	1105 WOCD-55 NY 99				

It was great to run into the VUD. Up until now, I thought I was the only nut that sits watching stormeters and funny lines at 5 AM! My XYL thinks I'm not rowing with both oars in the water, but my dog somehow tolerates me. (Man's best friend!--jfc) I've been TV-DXing on/off from L.I. since 1952. DX here is quite limited due to the nearby NYC stns, and most DXing is done early mornings or late nights as the WABC-TV eng. maint. dept. takes most of my time. VHF antenna is a CM 22-el. fed with 300-ohm open-line at 45° AG, and for UHF have been experimenting w/wide-band yagis (w/GASFET preamps) at 65° on top of ham tower. Anyone need WABC-7 QSled? Glad to help'out!

EASTERN TV-DX

John F. Combs (N4SFS), 1306 Willow Branch #24, Jacksonville FL 32205 (904) 395-2451
NOVEMBER 1988
NOVEMBER 1988
NOVEMBER 1988
 2 Tr 0045 WLTW-23 FL 313 3 Tr 0108 WMBR-13 FL 208 3 Tr 0204 WCOV-20 AL 304
 0945 WBFS-33 FL 312 0110 WATE-36 GA 286 0210 WVSF-27 MS 494
 0945 WDZL-39 FL 312 0112 WJHG-7 FL 221 0215 WFD-15 SC 312
 0945 WHFT-45 FL 311 0112 WDAM-7 ? MS T 0245 WLTX-19 SC 267
 0945 WXEL-42 FL 272 0135 WTOK-11 MS 434 0257 WVTM-13 AL 370
 0945 WFLX-29 FL 272 0137 WHLT-22 MS 452 0300-0325 Asleep...
 0945 WYHS-69 FL 290* 0140 WKAB-32 AL 304 0825 WTTD-21 AL 370
 0948 WPLG-10 FL 312 0142 WDBB-17 AL 399 0825 WJSP-28 GA 249
 2315 WTAT-24 SC 216 0142 unID-23 TBN (see note) 0825 WXTX-54 GA 239
 (logged while mobile) 0143 WBNG-42 AL 370 0825 WLTZ-38 GA 239
 3 Tr 0001 WPGX-28 FL 223 0149 WTTD-21 AL 370 (Local quality)
 0004 WALA-10 AL 363 0149 WXXV-25 MS 437 0825 WATE-36 GA 286
 0028 Columbus 38, 54 0155 WCF-33 AL 392 0825 WVEU-69 GA 285
 0033 WPMI-15 AL 354 0156 WTZH-24 MS 434 0826 WSWS-66 AL 263
 0036 W69AX FL 110* 0158 unID-22 TBN 0828 Macon 13, 24, 41
 Perry (LPTV) 0201 unID-16 religious 0838 WAGA-5 GA 285
 0059 WLBM-30 MS 434 0203 WAKA-8 AL 325 1100 WJKA-26 NC 334

NOTE: Carlton Howington says there is a ch. 23 TBN LPTV in Albany GA. I am attempting to get a current LPTV list from TBN, and will not log this until I'm sure there is no other reasonable possibility. Really nice stuff from MS on the 3rd! I first noticed MS when my local WAWS-30 s/off and left a reasonably good signal from WLBM-30 (89.1 kw ERP).

--From ST. JOSEPH PENINSULA STATE PARK FL (Near Port St. Joe)-lat. 29.733, long. 85.4--

NOVEMBER 1988
NOVEMBER 1988
NOVEMBER 1988
 7 Tr 1900 WXXV-25 MS 229 9 Tr 0432 WINK-11 FL 299 10 Tr 0426 KITU-34 TX 509
 1900 WMAH-19 MS 222 0432 Jax 12, 17, 47 232 WHNS 21 WE ARE YOUR STATION
 1900 WHLT-22 MS 255 0439 WBBH-20 FL 298 0430 WHNS-21 NC 407
 1953 WXFIL-B FL 230 0439 WOF-35 FL 271 0452 WTIV-12 FL 232
 2100 WQNL-38 LA 272 0439 WBFS-43 FL 287 0454 KTXH-20 TX 605
 2107 WGNO-26 ? LA T 0441 WXXV-25 MS 229 0458 WLTX-19 SC 405
 0320 WTOG-44 FL 230 0442 WTG-52 FL 287 0500 KETH-14 TX 605
 0320 WFTS-28 FL 230 0442 WACX-55 FL 251 0502 KPRC-2 TX 604
 0320 WTVT-13 FL 232 0509 WNOL-38 LA 272 0505 KRIV-26 TX 604
 0321 WBNG-42 AL 271 0511 WESH-2 FL 251 0505 KHTV-39 TX 604
 0322 WTMY-32 FL 246 0529 W29AB FL 195 0506 W65BG FL 90*
 0324 WQFL-35 FL 271 0547 KATC-3 LA 417 Tallahassee (ACTS)
 0329 WBHS-50 FL 230 0555 WAYQ-26 FL 270* 0513 WJCL-22 GA 289
 0329 WFTV-9 FL 270 0559 WLQ-13 MS 230 (See note #4)
 0350 WAYO-26 FL 270* 0601 WJCT-7 FL 231 0522 KHOU-11 TX 605
 0640 WTBS-17 GA 285 0611 WMEF-24 FL 270 0528 WRDW-12 (SC) 328
 0640 WMFE-24 FL 270 0627 WJXT-4 FL 232 0606 W69AX ? FL T
 0646 WSB-2 GA 284 0701 WMAH-19 MS 222 0614 WDCO-15 GA 227
 0648 WATL-36 GA 288 0702 WEDU-3 FL 230 0614 WJSP-28 GA 219
 0648 MGNX-46 GA 288 0711 WFTX-36 FL 298 0618 W4BAB GA 190
 0651 WBSF-43 ? FL T 0711 WGNO-26 LA 272 Columbus (WJSP-28)
 0651 WTGL-16 FL 232 0714 WHLT-22 MS 255 0633 WCES-20 GA 304
 0701 WXA-11 GA 284 0815 WVAL-33 LA 353 Es 1711 unID-2 Mexico NEWS 2 CENTER 0800 WMP channel 4
 0704 WVEU-69 GA 284 0817 W59BC FL 232 0805 WSTM-3 NY 1045
 0718 WGX-24 GA 255 Jacksonville (WCLP-22) 0819 WGRZ-2 NY 972
 0718 WJSP-28 GA 219 0820 KAMR-4 TX 1028 (See note #5)
 0721 WJGT-41 GA 235 0821 WQAN-2 IA 938 (See note #6)
 0749 WUSF-16 FL 230 0851 WTVX-34 FL 353 0823 KUSD-2 SD 1144
 0750 WNET-47 FL 232 0851 WTVI-42 NC 463 0825 KMT-3 IA 987
 0751 WTLV-12 FL 232 0852 W69AY FL 180* 0825 KACV-2 TX 1030*
 0752 WXA-8 GA 197 0900-1900 Tampa, Biloxi/ Amarillo
 0752 WJCT-7 FL 231 Gulfport, WNOL-38 in (See note #2)
 0752 WESH-2 FL 251 all day long... 0842 KAMR-4 TX 1028
 0752 WJKS-17 FL 232 Es 1711 unID-2 Mexico NEWS 2 CENTER 0846 KENW-3 NM 1101
 0754 WCES-20 GA 304 Tr 1900 WDBB-17 AL 284 0900-1100+ Still noted 0846 KENW-3 NM 1101
 0800 WCTV-8 GA 290 1902 W24AT FL 250* (PM) 2-4 while mobile!
 Ms 0926 KSNC-2 KS 969 Sarasota (LPTV) (PM) Tropo finally dead
 (See note #1) (See note #3) after over 60
 hours straight!!
 Tr 0929 WTVX-34 FL 353 1914 WFTX-36 FL 298 2129 KNOB-2 NE 1166
 0929 WAWS-30 FL 231 1914 WIQ-41 AL 233 2130 KNOB-2 NE 1166
 0929 WAGT-26 (SC) 329 1956 W49AT FL 182 (See note #7)
 0930 WBSF-43 FL 287 Inglis/Y-town (WOFL-35) 2158 KNOB-2 NN 1290
 0930 WTGL-52 FL 287 2047 WCF-33 AL 267 11 Tr 0745 WFTV-9 FL 270
 0930 WACX-55 FL 251 2048 WBNG-42 AL 271 1905 Tampa U's 230
 0930 WAYK-56 FL 312 2048 WCAJ-68 AL 270 1932 WXXV-25 MS 229
 0932 WCPX-6 FL 270 2048 WFTD-21 AL 271 1954 WAPT-16 MS 338
 0932 WTOC-11 GA 288 2143 WBIG-10 AL 271 1956 WMAA-29 MS 340
 0935 WFUD-3 FL 230 2145 WSWS-66 ? AL T 2102 WDBB-17 AL 284
 0936 WNSB-40 FL 237 2234 WBRC-5 AL 271 2136 WMAW-14 MS 274
 0959 WFTX-36 FL 298 2331 WTOK-11 MS 264 2300 WHLT-22 MS 255
 1000 WNSP-30 FL 298 2358 WTZH-24 MS 264 2300 WMAH-19 MS 232
 1010 WEVU-26 FL 323 10 Tr 0400 WBRZ-2 LA 348 12 Tr 0600 WRDW-12 (SC) 328
 1010 WINK-11 FL 299 0400 WDSU-6 ? LA T 0600 WIS-10 SC 406
 1000-1900 Tampa-St. Pete (Above two w/HSC) 0600 WJCT-7 FL 231
 in all day long... 0403 WNFT-47 FL 232 0600 WESH-2 FL 251
 1823-2337 Many of same 0406 unID-24 HSC 0605 WJCL-22 GA 289
 as AM: Biloxi/Gulfport, 0413 KLFY-10 LA 418 0605 WTGS-28 ? SC T
 Jax, Orlando, Tampa, 0418 unID-60 TBN 0606 WNFT-47 FL 232
 etc., plus: 0424 unID-23 TBN KLFY 10 0610 WXGA-8 GA 197
 0425 WGNO-26 LA 272 0610 WJKS-17 FL 232

WE'VE GOT THE TOUCH

EASTERN TV-DX

JANUARY 1989
NOVEMBER 1988
NOVEMBER 1988
NOVEMBER 1988
 12 Tr 0611 WLTX-19 SC 405 12 Tr 0824 WVN-9 GA 279 12 Tr 0800 WOFL-35 FL 271
 0613 WBSF-43 FL 287 0626 WITV-7 SC 401 2125 Jax V's & U's 232
 0613 WTGL-52 FL 287 0632 WATL-36 GA 288 2225 Tampa 22/28/44
 0613 Tampa U's 230 0651 WCBD-2 SC 402 13 Tr 0800 WDBB-17 FL 284
 0616 WTAT-24 SC 401 0730 WCFT-33 AL 267 0800 W1ZH-24 MS 264
 0617 WCPX-6 FL 270 0734 WAWS-30 FL 231 0803 WTKO-11 MS 264
 0619 WTTO-21 AL 271 0748 WBMC-42 AL 271 0805 WCFT-33 AL 267
 0622 WSAV-3 GA 291 0748 WGNX-46 GA 288 Ms 0829 KGAN-2 IA 938

KPRC-TV HOUSTON 2 * distance approximate

Tuned in Houston
EQUIPMENT USED: 4 bay UHF antenna @ 18' AG, small VHF/UHF "motor home" type antenna @ 15' AG, both turned by "Arm-strong" rotor, Sears 9" B/W TV.
NOTES:

(1) Many Ms bursts noted at all times of day over WDIQ-2 and WEAR-3. This was a nearly 30-second long multi-burst of local wx "here in Wichita."
 (2) Very strange! Expected this to be WXELEX-42 with WTVX-34 in, but caught definite WTVI pgm promos and ID!! No sign of other Charlotte-area U's at all! The troposphere can do some strange and wonderful things!

(3) "Serving Sarasota and Manatee Counties, TV-24, your community station." Wow.
 (4) Odd the way more easternly stuff like WLTX-19, WHNS-21, and WJCL-22 would sneak in the back door, with the dominant conditions to the west!

(5) How 'bout that? TX by Tr and Es on the same morning! (OK, OK, I know... Houston's in extreme eastern TX and Amarillo's 400 miles N.W. but still a neat feat!)

(6) ID had long list of xtrs w/announcement "If you receive channel 4 from a translator, please support it!" Through donations or what?

(7) I seem to have uncanny luck when it comes to logging KNOP-2. The one time I saw them in Jax, I had just gotten up from a nap, turned on the TV (which conveniently was on ch. 2) and saw their ID clear as day. This time, I had just finished watching "Cheers" on WJHG-7, absent-mindedly flipped the channels, and once again stumbled right onto a clear KNOP ID!!

WOW!! That 3-letter word best describes this trip! Never have I seen so much DX in such a short period of time. This will go down in history as my most successful DXpedition ever! Some stats: 70 stations logged in the first 19 hours, 149 total stations logged in 7 days time, and 86.5 % of the stations within 300 miles logged! The tropo was nice enough... the totally unexpected E-skip was the icing on the cake! I probably logged more stns by Es on the 10th than I have in all the Novembers I've DXed! I hope to return to this spot in the future, but it's bound to be a letdown. I mean, I don't think I could ever top this week!!

---Back in JACKSONVILLE---

NOVEMBER 1988
NOVEMBER 1988
NOVEMBER 1988
 15 Es 1920 unIDs-2 3 16 Tr 0200 Atlanta 17, 36, 69 25 Tr (PM) Nearby ham sez he
 1930 Had to leave... (see note) wkd NC, TN on 2-m
 16 Tr 0200 WLTX-19 SC 267 0207 WACH-57 SC 266 FM-I was at wk!
 0200 WOLO-25 SC 262 0230 WMAZ-13 GA 201
 0200 WL TZ-38 GA 239 17 Tr 2313 Macon U's GA 201
 0200 W67BJ GA 120* 2358 WL TZ-38 GA 239

NOTE: Atlanta's WATL-36 and WVEU-69 noted running HSC simultaneously, but two different programs! Both had Home Shopping Club "IDs" so I'm not confusing two shopping nets. This is getting a bit ridiculous...

EQUIPMENT: Archer V-110 and 4-bay UHF at about 30' AG on building roof, turned by Archerotor; Winegard AC-4990 preamp for UHF, traps for channel 4 and nearby PMs, Sears SR1000 9" B/W TV used as primary DX receiver; Brooksonic CIRT-2097 2" B/W multi-standard TV and Radio Shack mobile TV antenna used to keep track of DX "on the go." (The Brooksonic will also be pressed into service in the event of any European F2 skip that may be forthcoming!)

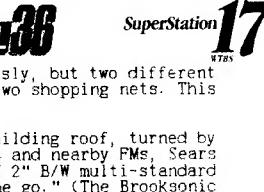
Bob Zent, 1935 Fruit Street, Huntington IN 46750 NOVEMBER 1988

NOVEMBER 1988
 24 Tr 0000 WETO-39 TN 350 24 Tr 0244 WPMI-15 AL 725
 0110 WAFF-48 AL 440 0249 WDBB-17 AL 550
 0114 WZTV-17 TN 340 0311 WTTO-21 AL 515
 0142 WCAY-30 TN 340 0829 WJFT-60 AL 510

Found only one good opening in November, but that produced some of the best tropo of the year. WPMI-15 is my best TV tropo distance ever. It will be interesting to see how many other DXers were in on this opening. 73's, Bob (ED). NOTE: I would have mentioned this fine tropo opening in the column's opening comments, but I had already finished the publication copy of the first page when this report arrived -jfc)

Charles Gauthier, 3260 Beaulieu, Brossard PQ J4Z 2P7
SEPTEMBER 1988
NOVEMBER 1988
NOVEMBER 1988
 25 Tr 2220 CIC038-38 ON 209 11 Es 2059 WCV-4 SC 967 15 Es 1936 WJXT-4 FL 1166
 2224 WXXV-21 NY 261 2059 WJXT-4 FL 1166 19 Es 1848 unID-4
 2224 WUHF-31 NY 261 FMs up to 98.9 mHz (suspect MB)
 2238 WNEQ-23 NY 323 2319 WTVY-4 (FL) 1227 1900 KMVY-3 NE 1181
 2238 CBLFT14-32 ON 173 2350 unIDs-2-6 1949 WDAF-4 MO 1186
 2320 WROC-8 NY 261 15 Es 1930 unID-3 23 Es 1650 unIDs-3, 4

November skip? In Quebec?? It seems nothing is impossible! 4 days of strong E-skip with one new station. Much F2 noted on 10 meters and up to 36 mHz once. Soixante-treize! (73)



EASTERN TV-DX

Jeff Wolf II: The Sequel

See address in his previous report in this month's column

NOVEMBER 1988

5 Tr 0930 WKFT-40 NC 265 NOVEMBER 1988
 1734 WRDG-16 NC 251 14 Tr 0615 Y-town 27, 33 238 24 Tr 0101 WRGT-45 ? OH T
 1807 WUAB-43 ? OH T 0625 WYED-17 NC 248 0105 WLFL-22 NC 248
 1828 WKFT-40 NC 265 0632 MUNK-25 NC 244 0105 WPTF-28 NC 248
 6 Tr 1315 WKFT-40 NC 265 0808 WUNJ-39 NC 344 0114 WTTE-28 OH 319
 8 Tr 0628 WPTF-28 NC 248 0817 WPQ-36 ? NC T 0720 WNEO-45 ? OH T
 0628 Y-town 27, 33 238 0817 WGSE-43 ? SC T 0720 NC 16, 17, 28
 9 Tr 1840 WYED-17 NC 248 15 Tr 0558+ NC 16, 28; OH 43T 26 Tr 0631 NC 16, 17, 28, 40
 1840 WLFL-22 NC 248 0644 WRLK-35 ? SC T 0651+ OH 33T; NC 45T
 1840 WPTF-28 NC 248 1904 WYED-17 NC 248 0705 SC 13, 33, 35 ? T
 0707 WTIV-33 OH 238 0040 NC 28, 40 1212 NC 17, 40
 0707 WHMC-23 ? SC T 0047 WICZ-40 ? NY T 1212 unID-47 WNFT??
 Es 0830 WPBT-2 FL 900 0127 WSKG-46 ? NY T 1256 WPTF-28 NC 248
 0830 MUFL channel 5 Gw 0323 W49AV VA 1256 WTGS-28 ? SC T
 11 Es 2230 KTVI-2 MO Madison (WVPT-51) 1400 WRLK-35 ? SC T
 2231 MUFL channel 4 (ex-W41AB)
 2340 KJRH-2 OK 1031 19 Es 1712+ unIDs-2 2058 WKFT-40 NC 265
 w/storm watch 1935 WPBT-2 ? FL T 2058 WNRW-45 ? NC T
 12 Es 0000 KYTV-3 MO 853 2001-2100 unIDs-2, 3 2158 WPCQ-36 ? NC T
 ID, then wx radar 20 Tr 1130 NC 16, 28, 40
 0040-0143 unIDs 2-4 23 Es 1808 unID-2
 13 Tr 0750 WIHT-31 ? MI T 24 Tr 0055 WPBT-16 ? OH T
 14 Tr 0600 NC 16, 22, 28, 40 0058 WTTK-29 ? IN T

Morris Sorenson, General Delivery, Port Carling ON POB 110

NOVEMBER 1988

15 Tr 1720 CIIIZ-2 ON NOVEMBER 1988 EQUIPMENT: RCA CJR-120W B/W portable TV,
 2000 CIIIZ-4 ON 19 Es 1907 KQTV-2 MO Archer Color Supreme V indoor
 2257 CICA6-6 ON + unIDs-3, 4 amplified antenna.

Dave Nieman, POB 155, Clarence NY 14031-0155

(DX from: lat. 42°58'30" long. 78°31'30")
 OCTOBER 1988 NOVEMBER 1988 NOVEMBER 1988
 30 Ms 0958 KMT-3 IA 763 12 Tr 0900 WKAR-23 MI 309 19 Es 1957 KUSD-2 SD 926
 NOVEMBER 1988 15 Tr 1000 CICO2-55 ON ??? 2000 KOTA-3 SD 1249
 11 Es 2351 KALB-5 LA 1113 (TVOntario) 2000 KPRY-4 SD 1093
 12 Es 0013 KTBS-3 LA 1107 19 Es 1909 KDLO-3 SD 930 25 Tr 0859 CICO2-42 ON ???
 Tr 0126 WXMI-17 MI 367 1927 KBME-3 ND 1117 (TVOntario)

The skip on November 19 was seen using our new Teknika 26" monitor/rcvr with MTS/SAP. Antenna was a CM 1113 Quantum with a 0096C cartridge amp, RG-11 lead-in. I would have used the equipment in the DX shack, but my foot throbbed so bad from a sprained ankle that I couldn't sit without elevating it. And what better place to do it than in my recliner in front of the new TV with remote! And I had planned on working that afternoon; what a stroke of luck! Dave. (I never viewed spraining an ankle as luck, Dave, but it seems to have been so in this case, hi. Regarding your TVD loggings: I can find no listing for a TVO on ch. 55, but the database from Communications Canada lists a CICO93 on ch. 42 with about 124-kW ERP. It's in McArthur's Mills, which I can't locate on any map---jfc)

Michael Wimer, 14508 Darbydale Ave., Woodbridge VA 22193

OCTOBER 1988

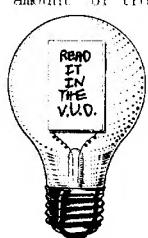
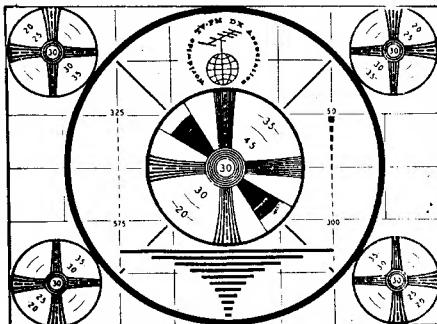
1 Tr 0700 WFMY-2 NC 230 OCTOBER 1988 15 Tr 0800 WLW-21 NY 275 16 Tr 0730 Harrisburg U's
 0705 WABC-7 NY 230 0830 WHSI-67 NY 290 0730 WNNU-47 (NY) 230
 0710 WDBJ-7 VA 200 0830 WHSE-58 (NY) 225 0730-0800 NJ 23, 52, 58
 0730 WSLS-10 VA 200 0900 WDPR-64 DE 90 0800 WNYC-31 NY 230
 0731 WEF-38 VA 200 0900-0930 NC 16, 17, 19, 0815 WVIA-44 PA 205
 0800 WJAL-68 MD 70 28, 36, 40 0830 WXTV-41 NJ 225
 0830 WGFP-55 PA 120 0930 W60AL VA 115 0835 WBFE-35 ? PA T
 Lebanon 0940 WBRE-28 PA 205 0940 W75AP Oak Grove or
 0900 WVIT-30 CT 320 1000 WICZ-40 NY 240 0900 WLIG-55 NY 300
 0907 WNJ-B-58 NJ 200 16 Tr 0720 W75?? VA ? 0900 WLIW-21 NY 275
 0918 WKFT-40 NC 260 (xlr of WCVW-57) 0917 WTIC-61 CT 305
 0930 WTIC-61 CT 330 0930 WNYE-25 NY 230
 0935 WRA-15 VA 200
 1000 WOLF-38 PA 205 (NTFDA Xtr Guide shows
 W75AP Oak Grove or
 W75AI Livingston--jfc)

EQUIPMENT: Sylvania 19" Color

TV, Finco 7' UHF dish at 58', Winegard CS-4054 VHF at 50', Winegard PA-8275 preamp, RG-6 coax.

I have finally installed the antennas and preamp on my tower. No spectacular DX has been seen yet, with only a fair amount of tropo. Happy Holidays to all.

Bright
Idea



EASTERN TV-DX

Bill Kreitschmer II: The Adventure Continues (Note: no distances given with this report) JANUARY 1989

NOVEMBER 1988

9 Tr 1800 WTIV-33 OH 12 Tr 0800 WXON-20\$ MI 12 Tr 0830 WOSU-34 OH 19 Es 1909 KDLO-3 SD
 1801 CICO2-28 1801 WUCX-35 MI 0830 WNEO-45\$ OH 1927 KPRY-4 SD
 11 Es 2302 WCBF-4 MS 0801 WFUM-28 MI 0830 WSEE-35\$ PA 1930 KUSD-2 SD
 12 Es 0014 KTBS-3 LA 0806 WAQF-49 MI 0832 WOIO-19\$ OH 2000 KNOP-2 NE
 0031 KETS-2 AR 0809 WTIV-33\$ OH 0836 WQHS-61\$+OH 2000 KTVI-4 IA
 s/off, ID, then cb w/AETN-PBS" 0810 WFMJ-21\$ OH 0839 WUAB-43\$ OH 2045 Es ends
 Tr 0759 CKCO3-42 \$ 0815 WKBN-27\$ OH 0842 WBNX-59\$ OH
 0800 WSMH-66\$ MI 0815 WTV-56\$ MI 1030 WDLI-17 OH
 0800 WSMH-66\$ MI 0817 WTTE-28\$ OH 1100 WOUU-44\$ OH

Es and TV skip mostly LA and Great Plains states. For days, lo-band pager signals strong with France in the morning on 35.60 and 36.00 mHz, and Denver, Los Angeles at sunset. If only P2 and Es were stronger on TV! As we approach the sunspot cycle peak, lo-band and TV-DX seem to be well above average. 73's, Bill.

Roy Barstow, POB 488-T, Teaticket MA 02536

OCTOBER 1988

OCTOBER 1988 NOVEMBER 1988
 1 Tr 2000 WMDF-47 MD 345 16 Tr 1930 MD 16, 28, 47 4 Tr 1900 NJ 23, 40, 41, 47,
 WCPB-28 MD 345 2000 WPTF-22 MD 363 50, 52; PA 17, 29, 57
 WBOC-16 (DE) 341 2130 WBFF-45 MD 354 11 Es 2300 WKRN-2 TN 951
 WHRO-15 VA 457 2130 WLVT-39 PA 261 2300 WREG-3 TN 1127
 WYAH-27 VA 455 2200 WHSW-24 MD 361 2305 WCBF-4 MS 1132
 WTVZ-33 VA 457 2200 WNYY-22 VT 231 15 Es 1830 unIDs-2, 3, 4 but had to go!
 to WHMM-32 ?(MD) 341 2200 WNUV-54 MD 361 Tr 2255 PA 33T, 39, 51
 WLYH-15 PA 319 2200 unID-8 shopping 2300 DC 32, 50
 WTVF-51 PA 289 2200 WBRE-28 PA 274 2300 MD 45, 54
 WLVT-39 PA 261 2200 WTVE-51 PA 289 16 Tr 1800 MD 16, 28, 47
 WOLF-38 PA 265 2200 WTKK-66 VA 404 WHMM-32 (MD) 380
 WITF-33 PA 336 2400 WNVC-56 VA 396 unID-53 AVN NJ??
 WHP-21 PA 338 2400 WNVT-53 VA 415 to (Someone must know
 2400 WBRE-28 PA 274 0030 WDCB-20 (MD) 388 where this is--
 2 Es 0100 WFYI-50 DC 384 WHMM-32 (MD) 388 Bill F. ??-jfc)
 0142 WHSW-24 MD 361 2400 WETA-26 DC 388 1830 VA 15, 27, 33
 0152 WMBF-12 VA 463 2400 WFYI-50 DC 384 2015 W60AL, W41AC VA
 15 Tr 1900 WNJS-23 NJ 257 2400 WNEP-16 PA 274 2230 unID-57 w/WLIG-55
 WMGM-40 NJ 278 2400 WYOU-22 PA 275 xltr? (Someone
 to MD 16, 28, 47 else reported this
 VA 15, 27, 33, 2200 WVEC-13 VA 455 New Bedford (WLNE-6) recently--must be
 (1-kw, 120') a newbie--jfc)

EQUIPMENT: CM Super Bandsaw UHF (12db average) at 33'
 CM MATV Super Vector model 1273 hi-band VHF at 29'
 CM MATV Super Vector model 1226 lo-band VHF at 23'
 Winegard PA-4975 UHF preamp
 B-T Vaulter III plus VHF amp
 Cheap Radio Shack coax (I like an honest man--jfc)
 19" color Zenith
 Teknika 6510 tuner (My Kingdom for one of those---jfc)

I am having some rotor problems, so have antennas aimed S.E. Noted WNVT-53 VA with 3/4 cb at 2200--do they go off this early? The new translator W20AH comes in local quality here and blocks out W1XX-20 CT. Only when coastal DX is up will CT make it through. Why does WLNE-6 need a translator in their own city of license? Is there some terrain problem, or multipath like in NYC?? If the latter, one would think Providence would be a more likely candidate for a translator---jfc) The Es on 11/11 first noted on cable at 2300. Up to channel 5 at times--must have been stronger earlier! Tropo are now few and far between, so bring on the Es, hi. Oh, I just passed the 400 station mark. (Congrats, Roy. 400 stations is impressive when one considers that you have zilch to the east or due south, and lots of nice mountains to the northwest!--jfc)

Fn-th-th-that's all, folks! Keep those cards and letters coming. I'll be very busy in January (as you read this) and may have to advance the column a bit earlier, so I apologize in advance to anyone whose report is delayed. It's been real.....JOHN



WESTERN TV-DX

January 1989

The big surprise in November was a number of E skip openings. The openings reported were on the 9th, 11th, and 19th.

New New Mode - Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &

William Draeb, Ellis St., Rt. #2, Kewaunee, WI 54216 CDT/CST

Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

September 1988		3 tr 0738	Lower ON UHF's	22 0645	KDNL	30 MO	432
24 gw	0445 W42AF 42 WI (Ripon non-STV)		London 18,40,53 Wingham 45 and	0739 @WQPT	24 IL		
2156	Iron Mountain MI Translators 100 (63, 65, 67 STV)	1722 @WDJT 58 WI	Kitchener 56	2039 WQEC	27 IL		
2239	CBLFT23 16 ON270	8 tr 1737 WUSI 16 IL 402		KDNL	30 MO	432	
25 tr	0630 WCET 48 OH 400 0645 WOSU 34 OH 395 WTTE 28 OH 395	11 Es 2000 unids chs 2-4 s 2200 WBTV 3 NC 730	KNLC 24 MO 432 (Above 3 snow fr)	WQPT	24 IL		
1829	WIII 64 OH 400 WXIX 19 OH 400 WKONT 52 KY WCVNT 54 KY (Snow free)	2218 WWAY 3 NC 2221 WSAV 3 GA 972	WUSI 16 IL 402 Charleston SC 2, 4, and 5 916	2051 WGRB	34 KY		
1920	WTWQ 36 KY 473 1925 WYMT 57 KY 557	2230 WESH 2 FL	WVQ 36 KY 473	WTQ	36 KY		
26 tr	0745 WLEX 18 KY 473 0824 WTVQ 36 KY 473	2300 WCPX 6 FL	WKLE 46 KY 473	WUFT	5 FL		
		WJXT 4 FL	WLKT 62 KY 473	WJXT	5 FL		
		=WEDU 3 FL	WDKY 56 KY	WUFT	5 FL		
		(unid 3/4 CB)	WKON 52 KY 437	WJXT	4 FL		
			2107 WOSU 34 OH 345	WUFT	5 FL		
				WJXT	4 FL		
				=WEDU	3 FL		
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NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221

FOR DXERS in: Canada, ME, NH, VT, MA, RI, CT, NY, NJ, PA, OH, MI, IN, IL, WI, IA, MN, ND, SD, NE, MT, WY, ID, WA, OR, AK, and HI

JANUARY 1989 HAPPY NEW YEAR!

DEADLINE: THE 5TH

SURPRISINGLY, there were multiple skip openings in November reaching FM. The best day seems to have been the 11th. The DX has already been some skip on FM in December too! Let's see some reports. One of the reporters this month is Ed Kretschmer, host of the 1980 WTRFA convention in Syracuse, New York. Have a Happy New Year!

DECEMBER	FM	DX	Comments	Best
EAST COAST	May 1st	100.3		WNYE

EQUIPMENT: GE SuperRadio II & various wire antenna in attic.
EAST COAST May 1st, 100.3 WNYE

NOVEMBER 1988	FM	DX	Comments	Best
11-1 E				
2046 WLYV	94.1 GA Atlanta	94.9 WLYV	"Z-93" predicated	1008
2047 WHVE	91.1 FL Tampa	90.3 WHVE	"Power 105" or something dented by WNYE	1127
2049 WSX	95.1 SC Charleston	95.1 WSX	"The New Wave" invites 1 straight request	930
2051 WMMZ	97.7 FL Gainesville	97.7 WMMZ	"Z-97.7" with the Rot-93 and the winner of Laser Wars on the way, phone# Gainesville 771-7700, Lake county 751-0000, Diala 622-3-00	1107
2053 WCHY	94.1 GA Savannah	94.1 WCHY	Y-104 FM with continuous country	1008
2054 WZZU	97.9 NC Burlington	97.9 WZZU	"94Z" hot hits that never mentioned Chapel Hill	713
2100 WJCL	96.5 GA Chattanooga	96.5 WJCL	at your gentle giant, WJCL-FM Savannah	1008
2101 WWDM	101.1 SC Sumter	101.1 WWDM	"The Big DM is WWDM Counter/Columbia"	889
2303 WMPR	90.1 MS Turners Falls	90.1 WMPR	well known New Englanders	1181
2305 WTYX	94.7 MS Tuscaloosa	94.7 WTYX	104.7 "Rockin' Flowers" in colorado, 500es	1280
2328 WMMA	91.7 MS Jacksonville	91.7 WMMA	"This is WMMA" "ask a radio statewide"	1181
2343 WYFK	89.5 GA Columbus	89.5 WYFK	Relax us again, "This is WYFK Columbus"	1084
2343 WTSU	87.9 AL Troy	87.9 WTSU	Pause during concert broadcast produced by WNTF New York, "WTSU 87.9 Montgomery/Troy, WTJB 91.7 Columbus/Phenix City, WRWA 96.7 Bethel"	1103

DAVE NEMAN, P.O. BOX 156, CLARENCE, NY 14031-015, DX from: lat. 42° 58' 30" long. 78° 31' 30"

QUIET PM AT: See DECEMBER 1988 NORTHERN FM-DX
OCTOBER 1988

NOVEMBER 1988	FM	DX	Comments	Best
29 TUE				
1000 WBFM	90.9 DC Washington, r\$, ID	1000 WBFM	90.9 DC Washington, r\$, ID	281
1055 WBSZ	100.3 PA Media, m\$, r\$, KISS-100	1055 WBSZ	100.3 PA Media, m\$, r\$, KISS-100	26
1610 WBSZ	101.1 NY New York, r\$, call	1610 WBSZ	101.1 NY New York, r\$, call	282
30 TUE				
1910 WFIR	90.7 NY New York, r\$, ID	1910 WFIR	90.7 NY New York, r\$, ID	282
0820 WPMV	91.1 NY Utica, WFRS, ID WURVO 89.9	0820 WPMV	91.1 NY Utica, WFRS, ID WURVO 89.9	156
0923 WFM	95.1 PQ Montreal, r\$, call	0923 WFM	95.1 PQ Montreal, r\$, call	295
NOVEMBER 1988				
2 TUES				
1004 WLFM	89.1 NJ Trenton, r\$, ID	1004 WLFM	89.1 NJ Trenton, r\$, ID	290
1037 WATI	91.9 NJ Hackensack, r\$, call	1037 WATI	91.9 NJ Hackensack, r\$, call	245
1100 WATC	91.4 PA California, r\$, call+M-92	1100 WATC	91.4 PA California, r\$, call+M-92	219
1115 WATC				
0940 WIPN	90.5 MI Gaylord, q\$	0940 WIPN	90.5 MI Gaylord, q\$	241
	ID: WIPN 91.1		ID: WIPN 91.1	
0913 WQLX	105.1 MI Cheboygan, r\$, call	0913 WQLX	105.1 MI Cheboygan, r\$, call	349
0930 WBCI	97.5 ON Little Current, (CBC radio drama)	0930 WBCI	97.5 ON Little Current, (CBC radio drama)	266
	ID: WBCI 106.7		ID: WBCI 106.7	
0928 WPKK	106.7 MI Gaylord, r\$, KPK	0928 WPKK	106.7 MI Gaylord, r\$, KPK	361

Hope everyone had a nice holiday. Dave

NORTHERN FM DX

JANUARY 1989

BILL NIENAJADLY - 38 HIGHLAND AVENUE - CLIFTON, NEW JERSEY 07011

EQUIPMENT: GE Superradio II & Whip & various wire antenna in attic.

OCTOBER 1988

21 GW/Tr/AS	90.3 NY New York City, rare! only 8 watts, Lite Jazz, ID
1633 WHCR	90.3 NY New York City, rare! only 8 watts, Lite Jazz, ID
1651 WRTI	90.1 PA Philadelphia, "fund raising" ID
22 GW	
0345 WFUN	91.9 Pirate!, ID Poor audio weak signal, no low or high end, dirty jokes (not entertaining)
1342 WJSU	90.5 NJ Morris Plains, ID "football game" "never heard before!" (Is this WJSV Morristown, NJ? -sc)

23 GW/Trs

LOCAL WFME	94.7 NEWARK OFF AIR!
0230 WCHR	94.5 NJ Trenton, weak fading signal
0305 UNID	94.7 interview with country music (likely WDSD Dover-sc)
LOCAL WQXR	96.3 NEW YORK OFF AIR!
0310 WWDB	96.5 PA Philadelphia, ID
0312 WTIC	96.5 CT Hartford, ID



NOVEMBER 1988

15 TR	95.1 NJ Atlantic City, ID, fade over semi WRKI
2233 WMGM	103.7 NJ Atlantic City, ID, weak, longtime no hear!
2235 SEMI LOCALS	strong 95.9, 97.6, 99.9, 102.3, 106.3, 107.9
2245 WMMR	93.3 PA Philadelphia, messing up local 83.5! ID, steady
2345 UNID	K-105" soft rock mentioned shore area over semi local WSPK (Could it have been D-105? That sounds like WQHQ Ocean City-sc)

16 TR/TrS/AS

0000 WDRC	102.9 CT Hartford, "D-103", strong!
0145 WSNI	104.5 PA Philadelphia, ID, fade
0150 WLEV	96.1 PA Easton, ID, steady
2045 WKHI	99.9 MD Ocean City, over semi WEZN 2 minutes, weak
2050 WXXS	107.3 MA Boston, over semi WEBE, several fades
2125 WJBL	91.9 Pirate! #718-633-3010, given over air, they are not really bad at all sound quality good, signal weak, AOR/Oldies, requests & phone calls over the air. They wouldn't say how many watts they are, not related to WCHE or WFUN, said they were located in Brooklyn. They wouldn't talk much at all! Still on at 11:30PM.

2155 WQQQ

99.9 PA Easton, ID, "Q-100", fast fade

18 GW?

1430 UNID	88.1 classical music/WBGO 88.3 splatter
(Ed: AS as a propagation mode means airplane scatter. Bill lives near 3 major and 2 local airports)	

Nothing much in the way of DX, except minor tropo on 11-15-88 and 11-16. Still must get some better equipment GE supertuner II is OK but adj channel is not great, hence instead of hearing DX adj I usually hear high pitched whistles. I tried a Radio Shack directional antenna but I seem to do better with a combo of CBANT (-sc) and various wire antennas in the attic. Also using the whip antenna & "weak" batteries seems to help the adj channel problems. It's almost every Fri & Sat Late nite you'll hear the NYC pirates, but I must admit if you're tuning in them it's hard to tell their illegal! WCHE last year seemed the most professional of all. With straight oldies format & general good sound. Local 101.5 WMSL leaves their carrier ON when they leave the air for a couple of hours. It's only less than 1 watt but they do cause blocking of 101.5 unless you use extreme nulling. This is my first report so if after a while some of my DX reports, certain stations become repetitive it's because of my locale, 12 miles west of NYC, in a valley with a portable radio.

REPORT TO NORTHERN FM DX!!!

BILL KRETSCHMER - 100 N. KOREA AVENUE, RUE FM DX, 55401-2500, NEBRASKA CITY, NEB. 68301-2500

EQUIPMENT: Yamaha 1000 W. AM/FM tuner, 1000 W. FM/AM/SSB, Nebr. Itron 1000, 1000

400 ASL
NOVEMBER 1988
4 Trs

2174 CIEL 98.5 FM, Cleveland
2145 CFOR 91.5 FM Milwaukee
2200 CBCO 96.7 FM Penobscot
2111 WIGS 95.7 FM Wausau, WI, known as "The Rock Station"
2215 WRNZ 96.7 FM Elkhorn, NE, 1000 W. FM/AM/Music 80's
2219 WOME 96.7 FM Brookhaven, NY
2229 WRGR 101.5 FM New York City

5 Trs

1754 WCRF 101.7 FM Clifton Park and WFD-FM 95.3 FM, Albany, NY, 95.3 FM/rock
2000 WICN 90.5 FM Worcester, MA, rock
2071 WBFB 105.7 FM Framingham
6 Trs

0642 WHEB 100.3 FM Port Huron
0737 WKXZT 95.3 FM New York (This means trans. station for WKXZ 95.3. There are two on 95.3, WHEB WJHL and WKXZ)
0754 WEZF 101.9 FM Burlington

5 Es

1919 WRXW 101.5 FM Toronto
11 Es

2137 WBFM 98.1 SC Seneca wx 62 in Charleston (Seneca is near Greenville not Charleston. You could've heard the new WBB-FM there).
2140 WDQK 90.1 FM Jacksonville
2151 WDIZ 100.3 FM Orlando
2156 WARM 99.7 FM Atmore, Alabama (new calls WAFW-FM)
2159 WCHY 94.1 FM San Juan, PR-94 Country
2200 WZAT 100.1 FM Savannah
2204 WELE 100.3 FM Deland, Florida 100.3 (new calls are WDCU-FM)
2210 WIXV 95.5 FM Savannah
1076 KWKK 97.1 FM Muskogee
2245 WDMG 99.9 FM Dicelles
2255 UNID 94.1 FM Erie, PA (maybe WKT, Kilbourn, Miss., phone)
2260 WJHR 91.7 FM Holly Hill, SC-Dixieberry
2301 WJMI 90.7 FM Jackson
2306 WOSI 92.5 FM Forrest City
2310 WTYX 94.7 FM Jackson
2313 WYNN 95.3 FM Jackson, Mississippi (new calls WMMR-FM)
2319 WMO 101.5 FM Oxford, Mississippi
2322 WRAS 80.5 FM Atlanta
2325 UNID 80.9 FM Lufkin
2330 WMTV 90.7 FM Shreveport
4400 PRM-FM 100.7 Classical Radio, statewide. First heard PRM, a PRSIS-LPPI network. It was either WMMR or WMO. Extra, 400.

12 Es

0016 WAFX 95.5 FM Dallas, TX, 95.5
0020 WLT 97.1 FM Springfield
13 M

2327 WEDO 94.1 FM Tampa, Florida - "Lester's Lounge"
22. GWT, 14 M

0000 WTKA 90.1 FM Houston
0711 WSD 101.5 FM (the last 3 calls are WSD) WSD
1011 WBTZ 93.7 FM Pittsburgh, WENN-FM
2101 WPRR 100.1 FM Pittsburgh, PA, 100.1 FM
2174 WND 105.3 FM Toledo, Ohio
155 WAMO 105.3 FM Pittsburgh
2151 WNR 100.1 FM (not WNR, 100.1 FM of WNR, Pittsburgh, WENN-FM)

1070 WMBB 100.1 FM North Adams
2217 WELW 101.9 FM Providence
2261 WPDR 101.5 FM Binghamton
12 Es

0007 WHR 100.1 FM Bradford
3 Trs & MS

0701 CKFM 93.7 ON Windsor, More of the Motor Cities favorite music on CKFM 93.7

BILL KRETSCHMER'S REPORT - continued

After 2 months of E-skip activity, skip occurs up to 106.7 FM and AM in 1/17. Logged many new stations thanks to my new tuner. Still a short, new 4 AM. Able to pull in stations much farther away. The opening on 11/19 (Es-92) penetrated WNYC's territory on FM had a lot of TV listeners. Even Buffalo, NY's Buffalo put didn't send it in. 77's Bill

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.
Time: ELT

NOVEMBER 1988

5 GW

2246 W244AS 96.7 NJ Oakhurst, t-WHTZ-100.3 poor-fair, WJAZ CT still dominant on the channel

30 10 Es

1005 WMUO 89.7 FL Miami, PSAs
1015 WEOW 92.5 FL Key West, "WOW-92.5" + call, ads, soft rock

1078 1187

26 Super Tr

1945 WHTK 99.7 SC Port Royal (See note)
1951 WSSL 100.5 SC Gray Court-Greenville, ads, legal ID, call + "WHISTLE 100", k 590
2030 WANV 99.7 VA Staunton, ID, into Investor's Classic basketball game. 299
2056 WEZC 104.7 NC Charlotte, Charlotte wx, seemed to use "Z-104" slogan
2108 WYFL 92.5 NC Henderson, g, // WYFI-99.7
2135 WSWS 104.7 VA Crewe, ID, k 309
2211 WCPE 89.7 NC Raleigh, ending BBC news (taken off SW), ID, wx, classical 402

The tentative on WHTK was based on a partial call caught on tape. The station heard was playing rock, in/out with WYFI Norfolk and only a few degrees off of WYFI's bearing. Bob Smolarek did catch their ID on tape. WZNS-92.9 Dillon, SC may have also been in at the same time as WSSL and WHTK.

STILL WANTED: I still want to buy some Canadian stamps (or trade U.S. stamps for same). To be used for return postage.

73, Joe

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

EQUIPMENT: See December VUD!

NOVEMBER 1988

11 Es & Tr

2221 WDIZ 100.3 FL Orlando, r\$, DIZ
2248 WWRKUJ 95.1 PA Grove City, pr\$, 95 K-Rock slogan, ex: WEDA
2253 WKSJ 94.9 AL Mobile, wx forecast, ID, k\$
2257 WNOE 101.1 LA New Orleans, k\$, calls, legal ID at 2302
2259 WBAM 98.9 AL Montgomery, r\$, Jingle, Bam 99, George Michael Mix
2300 WWWW 107.3 FL Pensacola, k\$, ID w/mobile & Ft. Walton Beach
2302 WLJS 91.9 AL Jacksonville, sign off, ment 92-J slogan
2305 WLMGJ 101.9 LA New Orleans, r\$, Magic 102, ex: WAJY
2324 WQOE 93.3 LA New Orleans, r\$, Triple the Music! Q-93
2333 WQST 92.5 MS Forest, k\$, weather
2335 WTYX 94.7 MS Jackson, r\$, 94-Ticks
2340 WCPC 93.3 MS Houston, local news (\$) about corrupt town mayor
2344 KAJN 102.9 LA Crowley, gospel music (\$), FM 103
2357 WMPR 90.1 MS Jackson, calls, local underwriters mentioned
2400 KLSP 91.7 LA Angola, progressive rock music

12 Es

0005 WMAH2 90.3 MS Biloxi, PRM network station, assume this and not Oxford since no north Miss. was inf just S. MS and LA.
0015 UNID 92.1 r\$, "92 Rock"

19 Es

1930 CKBF4 91.9 SK Belgrade, FF Mono

28 Trs

LOCAL CHTZ 97.7 SAINT CATHERINES OFF AIR
0756 WYRS 97.7 PA Jersey Shore, many local ments., events calendar
0759 WLER 97.7 PA Butler, local ads

That November 11th opening was quite a surprise! It was very intense as well, reaching 107.3 MHz. I missed most of the 19th E-skip.

* Logos in this column were supplied by Joe Fela and Larry Fuss. Thanks!

* Thanks to everyone who has contributed to Northern FM DX this past year. Remember, everyone is welcome to report; please do! Let's hope for a great DX year in 1989!

WELCOME NEW REPORTER

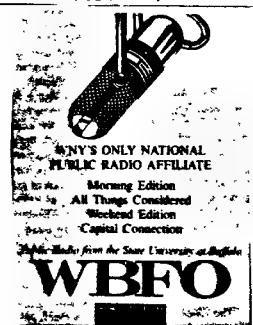
BEN R. WILKIE - P.O. BOX 106 - YORK, MAINE 03909

BEN WILKIE'S FM BANDSCAN FROM YORK, MAINE
format abbreviations included
except for educational purposes

88.1 WMRF Cambridge Ma.	98.5 WHUM Boston Ma.(r)
88.3 WEMI Boxford Ma.	98.9 WLZ Brimfield Me.
88.5 WHCF Bangor Me.	99.1 WFLM Plymouth Ma. (Bir. 5/1)
88.9 WEFS Boston Ma.	99.5 WSMH Lowell Ma.(r)
89.1 WEVD Concord N.H.	99.9 WHZS Auburn Me.(r)
89.3 WMSN Bangor Me.	100.1 WHEP Portsmouth N.H.(p/r)
89.7 WIGH Boston Ma.	100.7 WZL Boston Ma.(r)
90.1 WMEA Portland Me.	100.9 WYNZ Westby Me.(r)
90.5 WPEA Exeter N.H.	101.1 WHTP Manchester N.H.(p/r)
90.9 WBUP Boston Ma.	101.1 WJL Lynn Ma.(r)
91.0 WUNH Durham N.H.	101.1 WJED Portland Me.(r)
91.7 WMWM Salem Ma.	102.1 WKL Portland Me.(r)
91.9 WUMB Boston Ma.	102.5 WBSB Woburn Ma.(r)
92.1 WDDO Sanford Me.(r,l,r)	103.5 WBSG Camden Me.(r)
92.1 WMDR Peterborough N.H.(r)	103.7 WHTF Portland Me.(p/r)
92.5 WLYT Haverhill Ma.(r)	103.8 WGTS Boston Ma.(r) Jones
92.9 WBOS Brookline Ma.(r)	104.7 WWPX Webster Pk.(p/r)
93.1 WMGX Portland Me.(r)	104.9 WBNB Gloucester Ma.(r)
93.3 WSNE Taunton Ma.(r)	104.9 WLFZ Woburn N.H.(r)
93.7 WEGY Lawrence Ma.(r)oldies	105.1 WTDS Glastonbury Me.(p/r)
93.9 WXGL Lewiston Me.(r)oldies	105.5 WJYY Concord N.H.(r)
94.1 WFTN Franklin N.H.(r)	105.7 WYBF Framingham Ma.(r)
94.1 WHJY Providence R.I.(p/r)	105.9 WIGY Bath Me. (r/p)
94.5 WZDU Boston Ma.(r/p)	106.1 WOOD Hyannis Ma.(r)
94.9 WHOM Mt. Washington N.H.(b/m)	106.3 WHUB Nashua N.H.(r)
95.3 WOMI York Me.(r)oldies	106.7 WMJX Boston Ma.(r)
95.7 WZID Manchester N.H.(r/m/b)	107.1 WERZ Exeter N.H.(r/p)
95.9 WHYP Saco Me.(r)	107.5 WBGM Lewiston Me.(p/r)
96.1 WSMP Worcester Ma.(m/r)	107.9 WxRS Moulford Ma.(r)
96.3 WWMP Rumford Me.(m/r)	
96.3 WNTY Nantucket Ma.(r)oldies	
96.7 WKIS Rochester N.H.(r)	(Note)
96.9 WJIB Boston Ma.(b/m)	cl,r refers to classic rock, unlike "rock oldies" it's progres- sive from the late 60's early 70's.
97.5 WODP Dover N.H.(r)	
97.9 WNGT Portland Me. (r/p)	
98.0 WLNH Lakenia N.H.(r)	

Most of the time I'm too busy to FM DX, but then, I don't usually set anything outside of the locals anyway. My biggest thrill was recently, Nov. 11. That evening brought some terrific e-skips. VHF was busy up to CH5 and on FM I picked up my farthest yet...94.5 WAPI Birmingham, Ala (o/WZDU) also 94.1 WAOT Carrollton, Ala (o/Providence & Franklin) and WMJJ 96.5 Birmingham, Ala. That was a strange time for e-skips! I've never seen it at this time of year, nor after 9pm! (which was even stranger) (I've seen quite a few late e-skips, but that Nov 11 skip was the first November skip I've ever heard. Definitely that was very unusual to have skip in Nov, especially with that great intensity-sig). Anyway, that's all for now. Thanks for reporting, Ben. Hope to hear from you again.

STATION NEWS: WBRY 107.7 Weathersfield/Buffalo, NY has changed calls to WBMW. Their new format is new age jazz, with "107-7 The Wave" as a slogan. They are // to 92.3 Detroit and 107.3 Elyria, Oh. WHDZ 93.5 Midland, Mich has switched frequency to 93.3. They are AOR and use "Z-93". They have been heard as far away as Akron, New York. WJYE 96.1 Buffalo has changed format: from easy listening to lite rock. WIGS 95.3 in Governeur, NY has changed calls to WGIX. Slocan is "95-X". WVHK Clifton Park/Albany, NY is "KZ-97" and "Albany's Hit Music Station". They will have it tough competing against WFLY and WQFM.



BANDSCAN

GUS MANCUSO - 5615 INWOOD STREET - CHEVERLY, MARYLAND 20785

LOCATION: Highstown, New Jersey (Exit 8 N.J. Turnpike)

EQUIPMENT: Pioneer SX-40 & Radio Shack Rabbit Ears

Spent 4 consecutive nights on 4 sides of L shaped hotel—"outside" sides facing north and east. Building structure not as "heavy" as I expected for screening off opposite side signals more "super" bandscan mediocre. North and east sides were productive due to less adj. channel interference produced by NYC stations which broadcast with very low power due to their skyscraper location transmitters. Several Long Island & New England Stations were picked up adj to (and in one case, OVER) NYC area stations. However on the Philly sides of bldg only NY & NJ locals could be heard next to Phila area stations.

(N,E,W,S REFERS TO THE SIDE(S) OF THE HOTEL WHICH THE STATION WAS HEARD, IF IT WAS NOT HEARD ON ALL 4 SIDES)

88.1 WJHU MD BALTIMORE	W	95.9 WADB NJ PT. PLEASANT	NEW
WXBA NY BRENTWOOD	E	96.1 WLEV PA EASTON	
88.3 WBGD NJ NEWARK		WSRS MA WORCESTER	E
88.5 WAMU DC WASHINGTON	WS	96.3 WQXR NY NEW YORK	
88.7 WRHU NY HEMPSTEAD	E	96.5 WWDN PA PHILADELPHIA	
WRSU NJ NEW BRUNSWICK	EN	WTIC CT HARTFORD	N
WNHU CT NEW HAVEN	E	96.7 WJAZ CT STAMFORD	N
88.9 WPXN PA PHILADELPHIA		96.9 WPGC NJ ATLANTIC CITY	
WSIA NY STATEN ISLAND	E	97.1 WNYW NY NEW YORK	
89.1 WWMF NJ TRENTON		97.3 WMVB NJ MILLVILLE	NS
WNYU NC NEW YORK	W	97.5 WPST NJ TRENTON	
89.3 WRDV PA WARMINSTER	WS	WALK NY PATCHOGUE	N
89.5 WSOU NJ SO. ORANGE		97.9 WEVD NY NEW YORK	
WSCL MD SALISBURY	E	98.1 WOGL PA PHILADELPHIA	
89.9 WKCR NY NEW YORK		98.3 WMGQ NJ NEW BRUNSWICK	
90.1 WRTI PA PHILADELPHIA		98.7 WRKS NY NEW YORK	
90.3 WBAU NY GARDEN CITY	N	98.9 WUSL PA PHILADELPHIA	
90.5 WBJB NJ LINCOLN	NEW	99.1 WAWZ NJ ZAREPATH	
WCVN NJ FLEMINGTON	E	99.5 WBAI NY NEW YORK	
90.7 WFUV NY NEW YORK	NES	WJBR DE WILMINGTON	NSW
90.9 WHYY PA PHILADELPHIA	NEW	99.9 WQQQ PA EASTON	
91.1 WFMU NJ EAST ORANGE	SWE	WKHI MD OCEAN CITY	NS
WSHU CT FAIRFIELD	N	WEZN CT BRIDGEPORT	NE
91.3 WTSR NJ TRENTON	NWS	100.1 WJRZ NJ MANAHAWKIN	
WESM MD PRINCESS ANNE	E	100.3 WHTZ NJ NEWARK	
91.5 WNYE NY NEW YORK		WKSZ PA MEDIA	SW
91.7 WHUS CT STORRS	E	100.5 WRCH CT NEW BRITIAN	N
91.9 WNTI NJ HACKETTSTOWN	E	100.7 WHUD NY PEEKSKILL	NS
W220AG NJ LAWRENCEVILLE		WZXL NJ WILDWOOD	NES
(GAVE ID AS TRENTON, NOT L'VILLE)		WFMZ PA ALLENTON	
92.1 WVLT NJ VINELAND	NFS	101.1 WEAZ PA PHILADELPHIA	
92.1 WLNG NY SAG HARBOR	E	WCBS NY NEW YORK	
92.3 WXRK NY NEW YORK		101.5 WKXW NJ TRENTON	
92.5 WXTU PA PHILADELPHIA		101.9 WPIX NY NEW YORK	
92.7 WOBM NJ TOMS RIVER		102.1 WIOQ PA PHILADELPHIA	
WDRY NY GARDEN CITY	N	102.3 WSUS NJ FRANKLIN	N
92.9 WMGS PA WILKES-BARRE	N	102.5 WRFY PA READING	
93.1 WPAT NJ PATERSON		WOLC MD PRINCESS ANNE	E
93.3 WMMR PA PHILADELPHIA		102.7 WNEW NY NEW YORK	
93.5 WRTN NY NEW ROCHELLE	E	102.9 WMGK PA PHILADELPHIA	
93.7 WSTW DE WILMINGTON		103.1 WQNY NY NEWBURGH	
WLWH CT HARTFORD	E	103.3 WPRB NJ PRINCETON	
93.9 WNYC NY NEW YORK		103.5 WOHT NY LAKE SUCCESS	
94.1 WYSP PA PHILADELPHIA		103.7 WMGM NJ ATLANTIC CITY	NES
94.3 WJLN NJ ASBURY PARK	NEW	103.9 WIBF NJ JENKINTOWN	
94.5 WCRR NJ TRENTON		WFAS NY WHITE PLAINS	N
94.7 WFME NJ NEWARK		WRDN NY RIVERHEAD	N
95.1 WAYV NJ ATLANTIC CITY		104.1 WAEB PA ALLENTEWN	EWS
WZZO PA BETHLEHEM		104.3 WNCN NY NEW YORK	
95.3 WSBH NY SOUTHAMPTON	E	104.5 WSNI PA PHILADELPHIA	
95.5 WWPR NY NEW YORK		104.7 WQHQ MD OCEAN CITY	N
95.7 WFLN PA PHILADELPHIA		WSPK NY POUGHKEEPSIE	N
		104.9 WRDR NJ EGG HARBOR	
		105.1 WNSR NY NEW YORK	

GUS MANCUSO'S HIGHSTOWN, NJ BANDSCAN - CONT'D

105.3 WDAS	PA	PHILADELPHIA
105.5 WDHA	NJ	DOVER
WB NJ	NJ	CAPE MAY
WRHV	NY	PATTERSON
105.7 WQXA	PA	YORK
WQSR	MD	CATONSVILLE
105.9 WNWK	NJ	NEWARK
WHCN	CT	HARTFORD
106.1 WEGX	PA	PHILADELPHIA
WB LI	NY	PATCHOGUE
106.3 WHIG	NJ	EATONTOWN

Some stations like WTSR 91.3 probably could have been picked up on an additional side but were off air when I did that part of dial late after midnight)

TOTALS BY SIDE:

North 105

East 92

West 82

South 84

64 (of 126) were heard on all 4 sides.

BANDSCAN

LOCATION: Atlantic City, New Jersey

EQUIPMENT: Pioneer SX-40 and Radio Shack Plain Rabbit Ears

Picked up 80 stations (24 new), 2 year total 102.

NEW STATIONS PICKED UP THIS TIME

(For first Atlantic City bandscan by Gus, see November 1987 VUD-se)

88.1 WJHU	MD	BALTIMORE
88.3 WBGO	NJ	NEWARK
88.5 WAMU	DC	WASHINGTON
89.5 WSCL	MD	SALISBURY
91.3 WESM	MD	PRINCESS ANNE
91.5 WBJC	MD	BALTIMORE
91.9 UNID	NOT COUNTED	
92.7 WGMD	DE	REHOBOTH BEACH
92.9 WFQG	VA	SUFFOLK
93.7 WMYK	NC	ELIZABETH CITY
93.9 WKYS	DC	WASHINGTON
94.5 WCHR	NJ	TRENTON
95.5 WPGC	MD	MORNINGSIDE
95.9 WWTR	DE	BETHANY BEACH
96.1 WCCB	PA	RED LION
99.7 WYFI	VA	NORFOLK
103.3 WESR	VA	ONLEY
104.3 WBSB	MD	BALTIMORE
106.9 WSKV	VA	SUFFOLK
107.1 WCTD	MD	FEDERALSBURG
107.5 WBYO	PA	BOYERTOWN
107.5 WKRE	VA	EXMORE
107.7 WGTY	PA	GETTYSBURG
107.7 WSNJ	NJ	BRIDGETON
107.9 WFSI	MD	ANNAPOLIS

Stayed on south corner of highrise this time, south corner of a "lightweight" bldg last summer. Definite difference, got more from south, less from north this time. Got a dozen from NYC area last summer which couldn't be found this trip, but got 10 new DC-MD of which 2 were new stations. 3 probably rec'd due to greater bldg height, and rest because of structure screening off northern signals. Stayed one night, rained in AM, missed out on any morning enhancement (not NC & Mass last summer). Many stations around here use ex-calls of NY+Phila stations:
 WKTU 98.3 (Ex 92.3 top rated disco format in 1970's)
 WIBG 1520 (Ex 990 Phila 1960's)
 WMGM 103.7 (Ex 1050 NYC 1960's)
 Had problems with locals popping up around dial, will try NE side of bldg next time.

NEWS

JANUARY 1989 Great
NWS DX Happy
New Year!

Matt Sittel
PO Box 21441
Room 509G
South Hall
NCSU
Raleigh, NC 27607
(919) 737-5477
Deadline: 2/1/89

A LOOK AT WHAT'S NEWS FOLLOWS THE WEATHER: Early December weather has been quite variable here. We have had some cool weather here, and some mild weather also. No doubt some of you have heard about the tornado that struck Raleigh November 28th. I was personally about 5 miles away from it, and slept through the whole thing. I've kept up on all the stories and if anyone with an interest in weather wants to know anything specific about the tornado I'll be glad to try and answer it. I imagine many of you have seen a tornado. I haven't, but enjoy hearing your own personal weather experiences. Let's get into a short NWS NEWS column.

Please excuse the delay of my column. Somewhere en route from Raleigh to Buffalo the November NWS column took a beating, Bill Thompson informs me. Also, since last column I've received no reports from anyone that I know of. (If you sent one I may have overlooked it, if so, I'm quite sorry. Please let me know. Also mail delivery here is poor at best. Many letters/packages have been taking 12 days to reach my hands! Quite a few letters are taking 6 days that were mailed in the US! So, watch out! Using my full address will help its chances of getting to me. Also, I know some of you are waiting for responses to letters to me. I am doing my best, but my classes take priority. Don't worry, I haven't forgotten my correspondences and as soon as I can I will try to write you! I always enjoy hearing from everyone! Due to no reports, I'll put in my report. It's not all super tropo, but it is NWS DX!

Matt Sittel, PO Box 21441, Room 509G, South Hall, NCSU, Raleigh, NC 27607 (919) 737-5477

OCTOBER 1988	(10/10 tr)	NOVEMBER 1988
0715 WXL42	NC Winston-Salem	89
2157 WXL42	NC Winston-Salem	89
11 tr		0651 KEC95 SC Myrtle Beach 147
0702 WXL42	NC Winston-Salem	89
21 tr		0654 KEC95 SC Myrtle Beach 147
0732 WXL42	NC Winston-Salem	89
24 tr		0914 WXL42 NC Winston-Salem 89
0002 KEC95	SC Myrtle Beach	147
27 tr		0933 WXL59 NC Rocky Mount 66
0704 WXL42	NC Winston-Salem	89
0707 KHB31	NC Wilmington	116
29 tr		2120 WXL56 NC Asheville 218
0105 WXL42	NC Winston-Salem	89
0105 WXL59	NC Rocky Mount	66
NOVEMBER 1988		14 tr
1 tr		0001 KEC95 SC Myrtle Beach 147
2303 KEC95	SC Myrtle Beach	147
2 tr		0236 WXL42 NC Winston-Salem 89
0545 WXL42	NC Winston-Salem	89
0655 KEC95	SC Myrtle Beach	147
4 tr		1035 WXL42 NC Winston-Salem 89
0555 WXL42	NC Winston-Salem	89
7 tr		22 tr
0701 WXL42	NC Winston-Salem	89
0734 KHB31	NC Wilmington	116
3 tr		0647 KEC95 SC Myrtle Beach 147
0654 WXL42	NC Winston-Salem	89
0655 KEC95	SC Myrtle Beach	147

I have a little December DX already, but I'll save it for next time.

This is my kind of NWS DX! I really enjoy DX in Raleigh. 162.40 is clear, so whatever comes in does. Look at 11/15! That was a shock! Not anything on TV at all. As you can see it didn't really last. I was hoping I'd wake up the next morning to great DX in FL, but no. (I did get Richmond, though.) Winston-Salem is a frequent visitor, as you can see, Myrtle Beach not as often.

We did have a special weather statement on the tornadoes after they occurred. There was also a tornado watch in eastern North Carolina early that morning, so it did include that.

A good NWS DX spot is Boone, NC, in the northwestern part of the state. Recently on 11/27 I could hear on 162.40 Winston-Salem and Roanoke, 162.475 Charlotte, and Bristol on 162.550. WKX47 Bristol is in fact the only station that stays in always, although weakly, in the Avery and Watauga counties area, specifically the west and central portions of the county. Winston-Salem comes in towards the eastern border with Wilkes County. Not bad, considering they don't give them a forecast at all! Send in that DX! 73's 2nd

TV-CCI AIDS

Contains Explicit Material: Parental Guidance Suggested.

A compendium of useful information to assist in the identification of your DX!
Published as time and contributions (hah) permit by John F. Combs, 1308 Willow Branch #24,
Jacksonville FL 32205

NEWS NAMES

WEAR-3 Channel 3 News
(Look for seagull on the "3")
WKRG-5 Newscenter 5
WCTV-6 Eyewitness News TV 7 NEWS
WJHG-TV 7
WAKA-8 Action News
WALA-10 The News 10
WMBC-13 Action News



We Bring Home The News . . .



MULTI-CITY IDs
WCEU-15 New Smyrna Beach/Daytona Beach
WDBB-17 Tuscaloosa/Birmingham
WYED-17 Goldsboro/Winston-Salem
WFGX-35 Fort Walton Beach/Crestview

STLs

WTW-9 KISB6
WFNU-11 KJE44, KWU38, WEB2, WCX528,
WFSG-56 WCX529, WCX 538 (WFNU-11);
WLL289, WLL313, WLL316 (WFSG-56)
WSFA-12 KIO82
WMBB-13 WBV23, WBV24
WPDE-15 WGXT81, WGXT86, WGXT87, WGXT88,
WLD487, WLD488, KIG403
WCJB-20 WHG359
WTXL-27 KZ2450, KB55999
WNFT-47 WGR725

TEST PATTERNS

KPRC-2 Std 3/4 cb w/HUGE calls/city
(should be a good Ms target)
KATC-3 Weak signal, but appeared to be a 5/8 cb (7-1-t...that is, the white square started at extreme left and was 3 bars wide) with "Good Morning" and ID at top & early AM sked below (another distinctive Ms target!)
WCTV-6 Std 3/4 cb w/ID
WFNU-11 Std 3/4 cb w/dual ID
WFSG-56 KHOU-11 Std 3/4 cb, ID along bottom
WYED-17 Std 3/4 cb, ID in LR
KTIXH-20 Std 3/4 cb, ID in LR
WSRE-23 Std 3/4 cb (+), ID in black strip at top
WTXL-27 Std 3/4 cb, ID and unID
WPGX-28 Std 3/4 cb, ID bottom center
WKAB-32 Still using distinctive 3/4 cb (8-2-d), ID bottom center)
WTJC-44 Std 3/4 cb (+) w/ID
WNFT-47 Full cb (8) w/ID
WGXT-51 Std 3/4 cb, ID in LR
WACX-55 Std 3/4 cb w/ID and "Super Channel 55" slogan

SLOGANS

WKRG-5 WKRG Cares
WAKA-8 Feel the Caring Spirit
WTOC-11 In Touch with the Coastal Empire
WFSF-12 We're Here for You
WPGX-28 The Fun's on Us
WTVX-34 Working in the Spirit of Florida
WACX-55 SuperChannel 55
WAYQ-26 Florida's Super Station
WAYQ-26 (Calls also pronounced as a word, i.e. "wake")

MISCELLANEOUS STUFF

WPSA-12 Devotional: "Pastor's Study"
WLTZ-38 Devotional: "Thought for the Day"

SSB TYPES (standard)

WCSC-5 NPssb
WTV-9 MLssb
WSFA-12 AHAsbb

WCJB-20 AHAasbb
WTXL-27 MLssb
WAYQ-56 AHAsbb

SSB TYPES (custom)

WCTV-6 Scenes of Tallahassee but also of the Space Shuttle, ends w/jets, then waving flag (surprise) and the words "In God We Trust" (audio is orchestra in E-flat -- an unusual key for the SSB)

WFNU-11 Scenes of Tallahassee and North Florida in general (audio men's chorus in C, but not same as in AHAsbb and AHMsbb)
WFSG-56

WMBB-13 Panama City area scenes (including Tyndall AFB) but also stock footage of shuttle...ends with waving flag (yawn) (audio is band playing in B-Flat)

WJKS-17 Two inserted rectangles in UL and LR...in UL is the St. John's River City Band playing SSB in A-Flat, in LR are Jacksonville scenes

OTHER PATRIOTIC S/OFFS

WNFT-47 ATB (America the Beautiful): video is of space shots from early missions up to shuttle (shuttle footage is videotape; earlier flights are on film)
SCETV Net "America" w/typical scenes of U.S. (NY skyline, etc.) also Marines in dress uniforms, Iwo Jima, and music segues into the Marine Hymn (not hard to guess which branch of the service produced this one...)



TV-CCI AIDS

FEATURE: SSB TYPES REVIEWED/UPDATED

JANUARY 1989

The following is an update of all the SSB films used by stations a/s/on and s/off that have been noted on more than one station and coded for easy reference. Some of these have not been personally observed in years, but may still be in use. All use orchestral arrangements in the key of B-flat unless otherwise noted.

ACMssb--A Capella Men: scenes of waving flags, water, fireworks, etc. (audio is of a men's chorus *a capella* [unaccompanied] in key of C, but joined by an orchestra partway through the SSB, unlike the very similar AHAsbb and AMAsbb)

AFssb--Air Force: various USAF aircraft and missiles, all prominently featuring USAF logos
AHAsbb--Aim High America: fairly standard shots of American scenes (audio is unaccompanied men's chorus in key of C...words "America, my home" sung at end as sort of "tag", and the words "Aim High, America" appear on screen at the end)

AMAsbb--America My Home: identical audio to AHAsbb and indistinguishable video, but major difference is the lack of the words "Aim High, America" at end

AMMsbb--Arlington Marine Memorial: various shots of the Iwo Jima memorial at Arlington National Cemetery

DCssb--District of Columbia: various bldgs in DC (White House, Lincoln Memorial, etc.)

FMsbb--Fort McHenry: various scenes of Fort McHenry (identified as such on screen)

MFLssb--Marine Flag Lowering: flag lowering ceremony with Marine personnel...ends with drum major cutting off band, then about-face towards camera

MLssb--Marine Landing: main feature is Marines making a landing with lotsa stock footage of explosions...also interesting shot of Washington Monument looking up from base with flag in foreground...also Mt. Rushmore, Iwo Jima memorial

NFRssb--Navy Flag Raising: flag raising ceremony with Navy personnel

NNVssb--Navy: various Navy warships

NPssb--Navy Personnel: Navy ships and aircraft with close-ups of Navy personnel

PFUsb--Period Flags and Uniforms: honor guards in historical uniforms pass in review with various historical U.S. flags

RSssb--Rare Stanzas: scenes of Americans at work, play, voting, prayer, etc. (audio is by woman with guitar who sings the lesser-known stanzas of the SSB)

SOLssb--Sailor on Leave: scenes of Navy guy on leave, then fade into ships, planes, and the obligatory waving flag (audio begins with guitar, but segues into full orchestra when film begins to show ships and planes)

USHssb--U.S. History: montage of still scenes from U.S. history (photos and drawings) ending with a photo of U.S. flag on the moon (audio = unusual orchestral arrangement as follows: once through the entire SSB with conventional harmony, then back the second part ("and the rocket's red glare...") with unusual, though beautiful, harmonies under the melody...ends with a brief "coda" tacked on featuring high trumpets)

WFssb--Waving Flag: boring film with exactly 3 different shots of a waving flag, two with a pink flowering bush in the foreground (audio is full chorus and orchestra in C major, featuring first and last Iseldom heard! stanzas of the SSB)

There are probably many more "standard" SSB films in use, as well as the custom SSBs used by more and more stations. If you see a SSB film that is not locally-oriented, and does not appear to be made specifically by or for the station involved, it is probably in use at other stations as well. These are the films we wish to code for easy reference.

Some of my more grandiose ideas along these lines include starting a videotaped file of the different SSB types. If you catch some of the above films, or others, on tape, and can send a dub (VHS) to yours truly, I will be happy to reimburse you for postage. Also, I'd like our Canadian members to watch for any "O Canada" films in use in that country.

FOOTNOTE: whatever became of those other non-SSB s/off films that used to be so popular? Two that come to mind are "High Flight," a film of jet planes and pilots accompanied by a recitation of the poem of the title (from which President Reagan so movingly quoted in reference to the Challenger astronauts) and the "Indian Lord's Prayer," in which the Lord's Prayer is recited by a narrator while on film an old Indian chief interprets the prayer in sign language. Older WIFDA members probably remember such features--are they still in use by anyone?



WARNING

THIS COLUMN IS AN ENDANGERED SPECIES!
The information on the preceding page was contributed by three people: me, myself, and I. In fact, they are the three biggest contributors to TV-CCI AIDS!

I thought that this type of information would be of interest and use to TV-DXers, but your support for the column (or rather, the lack thereof) says otherwise. Gathering this type of information on your local and semi-local stations is something you can do when DX is sparse. And most of us take note of these kinds of things when DX is in, too, especially those who like to write for QSLs.

To sum up, if I don't get enough contributions to this column in the next two or three months to produce at least one page of information without my own contributions, I will simply allow the column to expire. It's up to you....JOHN



QSL CORNER & LOGOS RUN

THOMAS J. YINGLING, JR. KA3TCC
221 PINEWOOD ROAD
BALTIMORE, MD 21222-2345

First off, I'm sorry that I missed another month. With this month column I will NOT have a list of the station id-logo's used. This will be a trial period to see what reaction the general memberships wants, or like or dislike. With this month I have the most pages I ever did in the past, and to id all the logos would be one or more page used up. The other reason is that most id's are self explanatory (the call itself tells who it is & most dxer's have station guide books of some kind. Let me know if want the id logo list back. One bad note on qsl's items reported. If you DON'T give the station mailing address, the qsl item reported NOT be used in my column. Since this column (the way I see it) is suppose to help others to their dx qsl'd and since you are reporting a station you just got verified, you already have the address on your qsl letter or envelope. If the qsl don't show the address, name of signer, signer name unreadable, or what just say so. I never thought of this column as a place you brag about your wonderful qsl collection, but a aid to other dxer's so they could get the same qsl. I'm sorry that I had to bring this point up at all. Next month will have alot of qsl's reported, since some I have are getting old. And now on to the logos. The last page I did id'd the logos for these are the cable tv channels that cable systems may not carry.

First is HTS (Home Team Sports) this a Maryland sports channel, CBN or now called the Family Channel, USA, VH-1 (Video Hits One), Cinemax (or just Max), The Nashville Network, A & E (Arts & Entertainment), Lifetime, Showtime, C-Span (either C-Span I & II), HBO (Home Box Office), Nickelodeon (or just Nick), CNN (Cable News Network - that we had of tour of at the WIFDA Convention in GA), FNN (Financial News Network, they also do Score (a sports score info channel), ESPN (sports net), MTV (we all know this one! Music Television), Playboy, the new name for CBN as CBN Family Channel, The Learning Channel (used by most schools I think), The Disney Channel (of just DIS), TNN again, The Discovery Channel, Univision (new name of SIN - spanish programs), ASN (Atlantic Show Network seen up in Atlantic Provinces of Canada), MSG Network (no ideal, from an upstate New York old tv guide, Telecollege (from Vancouver, BC, Dimension Cable Service (from Denver, CO area), The Movie Channel, TSN (Total Sports Network), Knowledge Network (no ideal), American Movie Classics (no ideal, possible old movies on satellite feed to most late night movies tv stations. Many thanks for tv id logos to Tim McVey, Al Quagliari, John Broome, Greg Miller, Rich Eddie. Also thanks for the FM Radio Logos, even thought I have not figure out on how to use them. I may do something in the future.



NOTICIAS 33 WCNY-TV
Covering Arizona's Hispanic Community.

WWNY-TV

WUTR-TV
20
UTICA - ROME

WMUR-TV
9 MANCHESTER
KPHO PHOENIX

WKTV 2 NEWS
THE TEAM TO WATCH



WSAV is on the move.

WKAB
Montgomery, Ala.
abc NEWSWATCH 32

NEWS11 WORKS
KTHI-TV/11

WJZY 46
Charlotte

KDFV
31

KICU TV 36
SAN JOSE • SAN FRANCISCO • DAYTONA BEACH

WBAL-TV
Baltimore-CBS

WBAL-TV
Baltimore-CBS

WBAL-TV
11

WBAL-TV
2

WBAL-TV
54

WBAL-TV
20
CONNECTICUT'S
MOVIE STATION
WTXX-TV

WBAL-TV
32

WBAL-TV
WTNH 8
NEW HAVEN EIGHT

WBAL-TV
20
WTXX-TV

WBAL-TV
Maine's
COMEDY
Station
51
WPXT-TV
PORTLAND
WPXT-TV is seen on UHF Channel 51 and is also carried on most cable systems.

WNEV-TV
33
KTWW
LO NUESTRO

33

KTWW
LO NUESTRO

WVII-TV Channel 7
9 MANCHESTER

bctv chek OTV

42
KPTM
OMAHA LINCOLN COUNCIL BLUFFS
St. Louis KTM
WBZ-TV
Boston
KCAU 9
KCAN 8
WBZ-TV
Panama City WBZ

WBZ-TV
Boston
WBZ-TV
Panama City WBZ

We've got it all

abc 9 KUSA
WLVI 56

FOX 5 WNYW 25 WFXT

10 Right at Home.
WTEN-Albany

WBZ-TV
6

4 KCNC

TVA

CONNECTICUT'S NBC STATION

WBZ-TV
Thirty

WBZ-TV
WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

The smart choice on cable.

48
WGTT-TV
The Great Entertainer

YOUR HOMETOWN STATION:
WDBJ 7

WBZ-TV
10 Right at Home.
WTEN-Albany

WBZ-TV
6

TVA

WLVI 56

MONTEREY SALINAS SANTA CRUZ

KMST 46

WBZ-TV
23

WBZ-TV
23

WBZ-TV
WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

WBZ-TV

The smart choice on cable.

WCBB/10, WENH/11
WMEB/12, WMEA/26

WOR
WTTG 5
Metromedia

LE RESEAU

TVA

WKTV 2 WABI-TV 6

KMST 46

A CBS AFFILIATE

KUTP-TV STEREO 45
WBZ-TV 13

WCME

CINEMAX

LIFETIME

SHOWTIME

C-SPAN

HEADLINE NEWS

FNN FINANCIAL NEWS NETWORK

NICK NITE

CNN CABLE NEWS NETWORK

ESPN

MUSIC TELEVISION

MTV

YO-YO CHANNEL

DIMENSION

OTNN

(CONTINUED ON PAGE 5)